



May 17, 2022

VIA EMAIL

Ms. Lisa Graczyk
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

**RE: Quarterly Monitoring Report
April 2022 Sampling Event
CECOS International, Inc.
Aber Road Facility, Williamsburg, Ohio
EPA I.D. # OHD-087-433-744**

Dear Ms. Graczyk:

Please find the attached Quarterly Monitoring Report for the April 2022 sampling event completed at CECOS International, Inc.'s (CECOS) Aber Road facility. The report was prepared by Eagon & Associates, Inc. on behalf of CECOS and contains a discussion of the April 2022 sampling results for Toxic Substances Control Act (TSCA) parameters collected from the surface water points, leak detectors, and underdrains.

Hardcopies of any items in the report are available upon request. Please contact me at (513) 724-6114 if you have any questions regarding this correspondence.

Sincerely,
CECOS International, Inc.

Andrew Thompson
Environmental Manager

Attachment

cc:
Michael Beedle, US EPA Region 5
Randy Kirkland, Ohio EPA SWDO
Hannah Lubbers, Director – OEQ, Clermont County
Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.
File: B.1

QUARTERLY MONITORING REPORT

APRIL 2022 SAMPLING EVENT

Prepared for:

CECOS International, Inc.
Aber Road Facility
Williamsburg, Ohio

EPA I.D. OHD 087 433 744

Prepared by:



May 2022

Eagon & Associates, Inc.
100 West Old Wilson Bridge Road, Suite 115
Worthington, Ohio 43085
(614) 888-5760

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1.0 INTRODUCTION

On behalf of the CECOS International, Inc. Aber Road Facility, Eagon & Associates, Inc. (Eagon) has prepared this Quarterly Monitoring Report for the April 2022 surface water, leak detector, and underdrain sampling results. Samples for the Site's US EPA Toxic Substances Control Act (TSCA) parameters were collected by Eagon and laboratory analyses were performed by Eurofins TestAmerica, Inc. of Amherst, New York. The April 2022 quarterly monitoring sampling event was performed April 4-6, 2022. The event included sampling of the designated leak detectors, underdrains, and surface water monitoring locations at the facility.

TSCA monitoring requirements were established with US EPA's July 31, 1981 approval to dispose polychlorinated biphenyls (PCBs) in planned Secure Chemical Management Facilities (SCMFs) 6 through 17 (SCMFs 11 through 17 were never constructed) and, after negotiated revisions, were originally outlined in the March 13, 1984 document entitled "TSCA Monitoring Program." The original TSCA monitoring approach included monitoring of the leak detectors, underdrains and surface water (LD/UD/SW), as well as a site-wide TSCA-specific groundwater monitoring component that focused on both the pre-RCRA units and the RCRA regulated units at the Site. The LD/UD/SW component continues within that framework on a quarterly basis and the results for the most recent monitoring event are presented in this report.

With the later development of tailored, regulatory-program specific groundwater monitoring programs for the pre-RCRA and RCRA areas, the site-wide TSCA groundwater monitoring component was transitioned to and captured within those programs. The RCRA Detection Monitoring Program (DMP) for groundwater was originally proposed in 1989, was fully implemented by 1994, and applies to the RCRA regulated units located outside of the Corrective Measures Implementation (CMI) slurry wall. The current groundwater DMP is specified in the Detection Monitoring Plan which is part of the March 2017 RCRA Post-Closure Plan approved by Ohio EPA. The CMI post-construction groundwater monitoring program applies to the pre-RCRA areas and SCMFs 3 and 4/5 and was implemented in 1998 according to the monitoring approach outlined in the August 1996 Quality Assurance Project Plan and the March 1998 and November 1998 revisions to the CMI O&M Manual. The DMP is managed by Ohio EPA, whereas

the facility's CMI program is managed by US EPA. The DMP and CMI groundwater monitoring programs fulfill the facility's TSCA groundwater monitoring obligations via the sampling and analysis for PCBs and total organic carbon (TOC), in addition to volatile organic compounds (VOCs) specific to the DMP and CMI programs. All groundwater monitoring results collected semiannually as part of the DMP and CMI programs are reported separately to Ohio EPA and US EPA's RCRA division and are not presented herein.

2.0 SURFACE WATER SAMPLING

Pleasant Run Creek is west of the Site and generally flows south, then bears southeastward downstream toward its confluence with the East Fork of the Little Miami River located approximately two miles from the Aber Road facility. The East Branch of Pleasant Run Creek is south and east of the Site and flows southwest toward its confluence with Pleasant Run Creek at the southwestern corner of the Site (Figure 1). Surface water samples are collected on a quarterly basis at five designated sampling stations: C-2, C-6, C-9, C-10, and C-12. Locations C-2, C-6, C-9, and C-10 are located on Pleasant Run Creek (Figure 1). Location C-12 is on the East Branch of Pleasant Run Creek slightly upstream of the confluence. C-9 is the upstream/background location. C-6 is downstream of the confluence and the most downstream surface-water monitoring point.

To collect the surface water samples, the samplers position themselves downstream from each stream sample station in as near to the middle of the stream channel as possible. Pre-cleaned sample containers are then partially inverted and slowly submerged into the water. The container is then slowly rotated upright until filled and is then removed from the stream and capped. This procedure is continued until all containers are filled. Stream locations are sampled from downstream to upstream to prevent potential impacts on sample integrity or representativeness that could result from entering the stream upstream of a sampling point (e.g., by suspending sediment). As discussed above, samples are not collected when there is no discernible stream flow at the respective sample location.

All five stream monitoring locations were flowing during the April 2022 event and were sampled for VOCs, PCBs, and TOC.

3.0 LEAK DETECTOR SAMPLING

Leak detection systems are installed between the primary and secondary liners of SCMFs 9 and 10. These systems provide additional means to aid in the detection of contaminants in the event there is a release through the primary liner from these regulated units. Liquid within the leak detectors is collected by pumping from the riser pipes connected to the leak detection systems. The riser pipes provide access to the hydraulically interconnected components of the leak detection systems for a given cell and are identified as LD-1 and LD-2 for SCMF 9, and LD-3 and LD-4 for SCMF 10 (Figure 1).

Each leak detector riser is evacuated with a dedicated electric submersible pump. The leak detectors are purged dry or until approximately 200 gallons of water have been purged, whichever occurs first. Purge water is contained and transferred to the Site's leachate collection system. Samples are collected immediately following purging unless the location purges dry. In that case, sufficient time is allowed for recovery and the sample is then collected; typically, during the same day and no more than 24 hours after purging is completed.

The leak detectors were sampled for VOCs, PCBs, and TOC during the April 2022 quarterly monitoring event.

4.0 UNDERDRAIN SAMPLING

SCMFs 3 through 10 were constructed with underdrain dewatering systems that were operated to facilitate construction of the units. The underdrains lie below the liner systems and are in contact with natural geologic materials. The underdrains are now sampled as part of the quarterly monitoring program for the facility. The design and construction details vary between each SCMF

and are documented in Section 1.2 of the RCRA Facility Closure Plan. Underdrain riser locations are shown on Figure 1 herein.

Underdrains are evacuated in a manner similar to the leak detectors using dedicated electric submersible pumps. Each underdrain is purged until approximately 200 gallons of water have been evacuated. Purge water is contained and transferred to the Site's leachate collection system. Underdrain samples are collected immediately following purging.

The underdrains were sampled for VOCs, TOC, and PCBs during the April 2022 quarterly monitoring event. Underdrain U-9 is permanently inoperable and was not sampled during the event. U-9 is located beneath SCMF 4/5, within the Corrective Measures Implementation (CMI) area slurry wall (Figure 1). Underdrains U-10, U-11, and U-12 are also located beneath SCMF 4/5 and continue to be sampled on a quarterly basis.

5.0 ANALYTICAL RESULTS

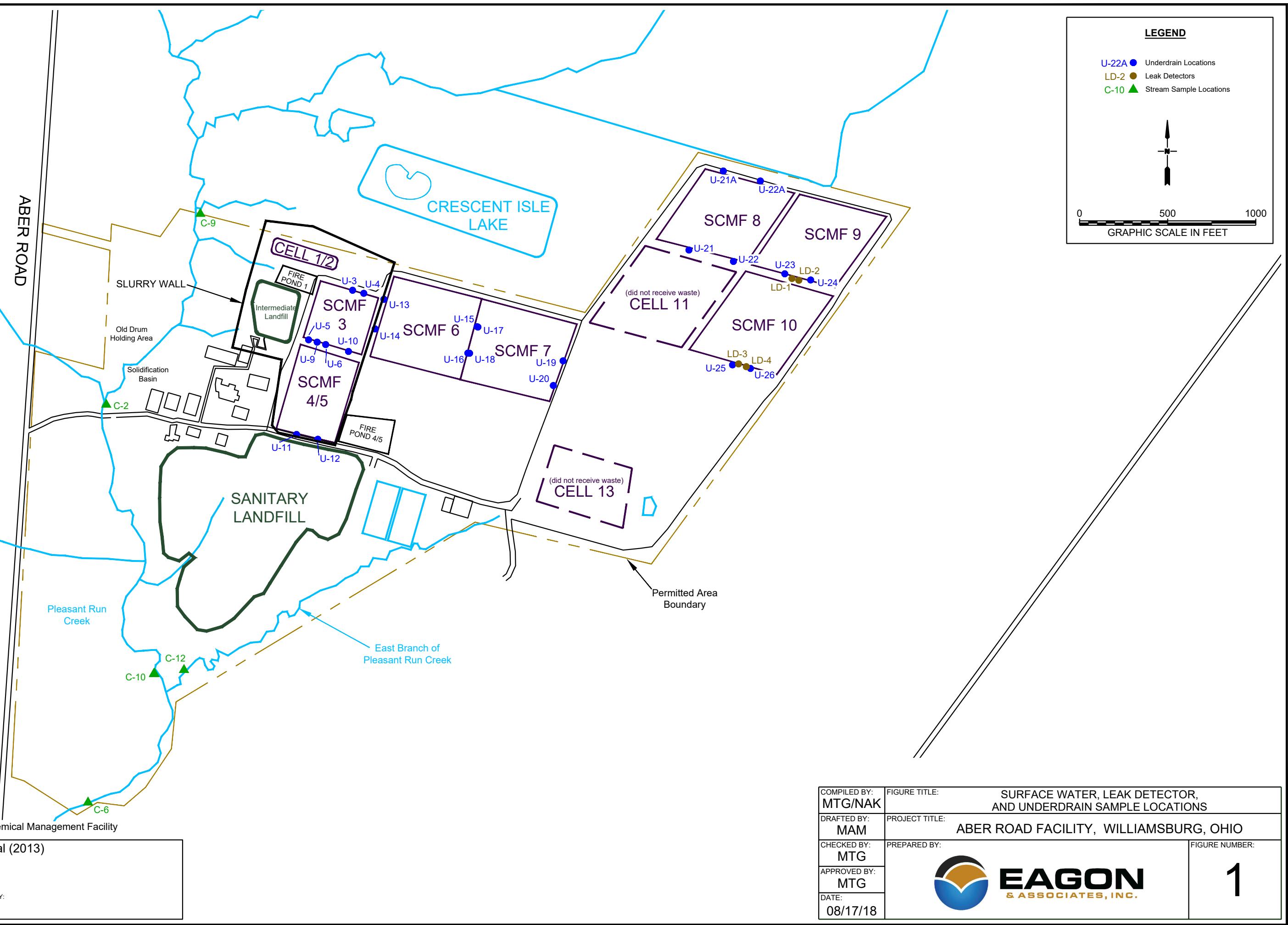
There were no quantified detections of VOCs in the surface water samples. In addition, there were no quantified detections of VOCs in samples from the leak detectors or underdrains located outside of the CMI area during the April 2022 event.

VOC detections in the April 2022 underdrain samples are summarized in Table 1. Underdrains U-3, U-4, U-5, U-6, and U-12, which are located beneath units contained within the slurry wall, exhibited quantified VOC detections of constituents that are commonly detected at those locations. Concentrations of those VOCs observed during the event were within the range of concentrations observed during previous monitoring events.

There were no detections of PCBs in any of the surface water, leak detector or underdrain samples collected during the event, which is consistent with past events.

The analytical results from the April 2022 quarterly monitoring event including field information logs and chain-of-custody records, are presented herein in Appendix A.

FIGURES



TABLES

TABLE 1.
VOC DETECTIONS IN UNDERDRAINS
APRIL 2022 QUARTERLY MONITORING EVENT
CECOS INTERNATIONAL, INC. - ABER ROAD FACILITY

Location	Detected Constituent ²	Concentration (ug/L)
U-3 ¹	1,1-Dichloroethane	22
	1,2-Dichloroethene (Total)	8.8
U-4 ¹	1,1-Dichloroethane	6.1
	1,2-Dichloroethene (Total)	21
	Vinyl Chloride	2.0
DUP TSCA #3 (U-4)	1,1-Dichloroethane	5.7
	1,2-Dichloroethene (Total)	20.0
	Vinyl Chloride	1.7
U-5 ¹	1,1-Dichloroethane	7.4
	1,2-Dichloroethene (Total)	17
	Vinyl Chloride	1.0
U-6 ¹	1,1-Dichloroethane	19
	1,2-Dichloroethene (Total)	12
U-12 ¹	1,2-Dichloroethene (Total)	8.8
	Vinyl Chloride	1.4

Notes:

¹ Underdrain located beneath units contained within the CMI area slurry wall

² Constituents reported by the laboratory as estimated concentrations ("J") below the practical quantitation limit are not shown, if applicable

APPENDIX A.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
APRIL 2022 QUARTERLY MONITORING EVENT**



eurofins

Environment Testing
America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-196588-1

Client Project/Site: Aber Rd. Landfill - TSCA Quarterly

For:

Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:
4/22/2022 3:11:56 PM

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
4/22/2022 3:11:56 PM

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Definitions/Glossary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

%	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Job ID: 480-196588-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-196588-1

Comments

No additional comments.

Receipt

The samples were received on 4/7/2022 10:00 AM and 4/8/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 2.7° C, 2.8° C, 3.2° C, 3.4° C, 3.6° C and 3.9° C.

GC/MS VOA

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: LD-1 (480-196588-1), LD-2 (480-196588-2), LD-4 (480-196588-4) and C-9 (480-196590-5).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone, n-butyl Acetate with 2-Hexanone, 2-Chloro-1,3-butadiene with Vinyl acetate, Methacrylonitrile with Tetrahydrofuran in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 621195. The following samples were affected : LD-1 (480-196588-1), LD-2 (480-196588-2), LD-3 (480-196588-3), LD-4 (480-196588-4), C-6 (480-196590-1), C-12 (480-196590-2), C-10 (480-196590-3), C-2 (480-196590-4), C-9 (480-196590-5), U-18 (480-196593-1), U-16 (480-196593-2), U-15 (480-196593-3) and U-17 (480-196593-4).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-621195 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621195 recovered above the upper control limit for 2-Hexanone, 2-Butanone (MEK) and 4-Methyl-2-pentanone (MIBK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LD-1 (480-196588-1), LD-2 (480-196588-2), LD-3 (480-196588-3), LD-4 (480-196588-4), C-6 (480-196590-1), C-12 (480-196590-2), C-10 (480-196590-3), C-2 (480-196590-4), C-9 (480-196590-5), U-18 (480-196593-1), U-16 (480-196593-2), U-15 (480-196593-3) and U-17 (480-196593-4).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-621252 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621252 recovered above the upper control limit for 3-Chloro-1-propene, 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-5 (480-196593-14), U-6 (480-196593-15), U-10 (480-196593-16), DUP TSCA 2 (480-196593-17), U-4 (480-196593-18), DUP TSCA 3 (480-196593-19), U-3 (480-196593-20), U-13 (480-196593-21), U-25 (480-196593-22), U-11 (480-196593-23), U-12 (480-196593-24), U-19 (480-196593-25), U-20 (480-196593-26), U-14 (480-196593-27), TRIP BLANK (480-196593-28) and TRIP BLANK (480-196593-29).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-621252 were outside control limits. Sample matrix interference is suspected.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-621199 recovered outside control limits for the following analytes: 1,4-Dioxane and Ethyl methacrylate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621199 recovered above the upper control limit for Chlorodibromomethane, 2-Hexanone, Pentachloroethane, 1,4-Dioxane, Acetonitrile and Ethyl methacrylate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-21A (480-196593-6), U-21 (480-196593-7), DUP-TSCA 1 (480-196593-8), U-22 (480-196593-9), U-23 (480-196593-10), U-24

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Job ID: 480-196588-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

(480-196593-11), U-26 (480-196593-12) and FIELD BLANK TSCA (480-196593-13).

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: U-22A (480-196593-5).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-621365 recovered outside control limits for the following analytes: 1,4-Dioxane and Ethyl methacrylate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: U-22A (480-196593-5).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621365 recovered above the upper control limit for 1,4-Dioxane, Acetonitrile, Pentachloroethane, Vinyl acetate and Ethyl methacrylate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: U-22A (480-196593-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8011: The continuing calibration verification (CCV) associated with batch 480-621579 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: DUP-TSCA 1 (480-196593-8), U-22 (480-196593-9), U-23 (480-196593-10), U-24 (480-196593-11), U-26 (480-196593-12) and TRIP BLANK (480-196593-29).

Method 8011: The continuing calibration verification (CCV) associated with batch 480-621579 recovered above the upper control limit for 1,2-Dibromoethane and 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: FIELD BLANK TSCA (480-196593-13), U-5 (480-196593-14), U-6 (480-196593-15), U-6 (480-196593-15[MS]), U-6 (480-196593-15[MSD]), U-10 (480-196593-16), DUP TSCA 2 (480-196593-17), U-4 (480-196593-18), U-4 (480-196593-18), DUP TSCA 3 (480-196593-19), U-3 (480-196593-20), U-13 (480-196593-21), U-25 (480-196593-22), U-11 (480-196593-23), U-11 (480-196593-23), U-19 (480-196593-25), U-20 (480-196593-26) and U-14 (480-196593-27).

Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-621824/33 and CCV 480-621824/55) that had recoveries for the surrogate Decachlorobiphenyl that were above acceptance limits: U-5 (480-196593-14), U-6 (480-196593-15), U-6 (480-196593-15[MS]), U-6 (480-196593-15[MSD]), U-10 (480-196593-16), DUP TSCA 2 (480-196593-17), U-4 (480-196593-18), DUP TSCA 3 (480-196593-19), U-3 (480-196593-20), U-13 (480-196593-21), U-25 (480-196593-22), U-11 (480-196593-23), U-12 (480-196593-24), U-19 (480-196593-25), U-20 (480-196593-26) and U-14 (480-196593-27). The secondary surrogate Tetrachloro-m-xylene is within limits; therefore, the data has been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-621822 recovered above the upper control limit for PCB-1260. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: C-6 (480-196590-1), C-12 (480-196590-2), C-10 (480-196590-3), C-2 (480-196590-4), C-9 (480-196590-5) and U-18 (480-196593-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 9060A: The reference method requires samples to be preserved to a pH of below 2. The following sample was received with insufficient preservation at a pH of above 2: U-26 (480-196593-12). The sample(s) was preserved to the appropriate pH in the laboratory.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Date Collected: 04/05/22 14:16

Lab Sample ID: 480-196588-1

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 17:18	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 17:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 17:18	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 17:18	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 17:18	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 17:18	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 17:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 17:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 17:18	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 17:18	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 17:18	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 17:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 17:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 17:18	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 17:18	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 17:18	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 17:18	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 17:18	1
Acetone	ND		10	3.0	ug/L			04/11/22 17:18	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 17:18	1
Acrolein	ND		20	0.91	ug/L			04/11/22 17:18	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 17:18	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 17:18	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 17:18	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 17:18	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 17:18	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 17:18	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 17:18	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 17:18	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 17:18	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 17:18	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 17:18	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 17:18	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 17:18	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 17:18	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 17:18	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 17:18	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 17:18	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 17:18	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 17:18	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 17:18	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 17:18	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 17:18	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 17:18	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 17:18	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 17:18	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 17:18	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 17:18	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 17:18	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Date Collected: 04/05/22 14:16

Lab Sample ID: 480-196588-1

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 17:18	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 17:18	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 17:18	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 17:18	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 17:18	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 17:18	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 17:18	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 17:18	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 17:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 17:18	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 17:18	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		110		77 - 120				04/11/22 17:18	1
4-Bromofluorobenzene (Surr)		98		73 - 120				04/11/22 17:18	1
Toluene-d8 (Surr)		104		80 - 120				04/11/22 17:18	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 17:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 17:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:34	1	
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:34	1	
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:34	1	
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:34	1	
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:34	1	
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 18:34	1	
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 18:34	1	
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl		49		19 - 120				04/13/22 15:13	04/14/22 18:34	1
Tetrachloro-m-xylene		68		39 - 121				04/13/22 15:13	04/14/22 18:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	13.9		1.0	0.43	mg/L			04/28/22 19:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.23				SU			04/05/22 14:16	1
Field Conductivity	2430				umhos/cm			04/05/22 14:16	1
Field Temperature	15.0				Degrees C			04/05/22 14:16	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-2

Date Collected: 04/05/22 14:26

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 17:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 17:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 17:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 17:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 17:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 17:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 17:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 17:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 17:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 17:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 17:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 17:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 17:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 17:41	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 17:41	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 17:41	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 17:41	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 17:41	1
Acetone	ND		10	3.0	ug/L			04/11/22 17:41	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 17:41	1
Acrolein	ND		20	0.91	ug/L			04/11/22 17:41	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 17:41	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 17:41	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 17:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 17:41	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 17:41	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 17:41	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 17:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 17:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 17:41	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 17:41	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 17:41	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 17:41	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 17:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 17:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 17:41	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 17:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 17:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 17:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 17:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 17:41	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 17:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 17:41	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 17:41	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 17:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 17:41	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 17:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 17:41	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 17:41	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-2

Date Collected: 04/05/22 14:26

Lab Sample ID: 480-196588-2

Date Received: 04/07/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 17:41	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 17:41	1
Tetrahydrofuran	2.1	J *+	5.0	1.3	ug/L			04/11/22 17:41	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 17:41	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 17:41	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 17:41	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 17:41	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 17:41	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 17:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 17:41	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					04/11/22 17:41	1
4-Bromofluorobenzene (Surr)	96		73 - 120					04/11/22 17:41	1
Toluene-d8 (Surr)	102		80 - 120					04/11/22 17:41	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 18:11	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/12/22 14:14	04/12/22 18:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:47	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:47	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:47	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:47	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 18:47	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 18:47	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49		19 - 120				04/13/22 15:13	04/14/22 18:47	1
Tetrachloro-m-xylene	64		39 - 121				04/13/22 15:13	04/14/22 18:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11.6		1.0	0.43	mg/L			04/28/22 20:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.97				SU			04/05/22 14:26	1
Field Conductivity	2220				umhos/cm			04/05/22 14:26	1
Field Temperature	14.8				Degrees C			04/05/22 14:26	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Lab Sample ID: 480-196588-3

Date Collected: 04/05/22 16:27

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 18:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 18:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 18:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 18:04	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 18:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 18:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 18:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 18:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 18:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 18:04	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 18:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 18:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 18:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 18:04	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 18:04	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 18:04	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 18:04	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 18:04	1
Acetone	ND		10	3.0	ug/L			04/11/22 18:04	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 18:04	1
Acrolein	ND		20	0.91	ug/L			04/11/22 18:04	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 18:04	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 18:04	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 18:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 18:04	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 18:04	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 18:04	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 18:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 18:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 18:04	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 18:04	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 18:04	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 18:04	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 18:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 18:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 18:04	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 18:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 18:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 18:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 18:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 18:04	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 18:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 18:04	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 18:04	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 18:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 18:04	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 18:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 18:04	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 18:04	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Date Collected: 04/05/22 16:27

Lab Sample ID: 480-196588-3

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 18:04	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 18:04	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 18:04	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 18:04	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 18:04	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 18:04	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 18:04	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 18:04	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 18:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 18:04	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 18:04	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		109		77 - 120				04/11/22 18:04	1
4-Bromofluorobenzene (Surr)		99		73 - 120				04/11/22 18:04	1
Toluene-d8 (Surr)		102		80 - 120				04/11/22 18:04	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 18:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/12/22 14:14	04/12/22 18:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:01	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:01	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:01	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:01	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:01	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:01	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:01	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		50		19 - 120				04/13/22 15:13	04/14/22 19:01
Tetrachloro-m-xylene		73		39 - 121				04/13/22 15:13	04/14/22 19:01

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.6		1.0	0.43	mg/L			04/28/22 21:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.59				SU			04/05/22 16:27	1
Field Conductivity	1812				umhos/cm			04/05/22 16:27	1
Field Temperature	14.6				Degrees C			04/05/22 16:27	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-4

Date Collected: 04/05/22 15:52

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 18:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 18:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 18:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 18:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 18:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 18:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 18:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 18:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 18:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 18:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 18:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 18:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 18:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 18:27	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 18:27	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 18:27	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 18:27	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 18:27	1
Acetone	ND		10	3.0	ug/L			04/11/22 18:27	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 18:27	1
Acrolein	ND		20	0.91	ug/L			04/11/22 18:27	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 18:27	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 18:27	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 18:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 18:27	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 18:27	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 18:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 18:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 18:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 18:27	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 18:27	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 18:27	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 18:27	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 18:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 18:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 18:27	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 18:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 18:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 18:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 18:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 18:27	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 18:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 18:27	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 18:27	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 18:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 18:27	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 18:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 18:27	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 18:27	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-4

Date Collected: 04/05/22 15:52

Lab Sample ID: 480-196588-4

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 18:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 18:27	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 18:27	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 18:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 18:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 18:27	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 18:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 18:27	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 18:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 18:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 18:27	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		110		77 - 120				04/11/22 18:27	1
4-Bromofluorobenzene (Surr)		98		73 - 120				04/11/22 18:27	1
Toluene-d8 (Surr)		101		80 - 120				04/11/22 18:27	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 18:51	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 14:14	04/12/22 18:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:14	1	
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:14	1	
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:14	1	
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:14	1	
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:14	1	
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:14	1	
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:14	1	
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl		40		19 - 120				04/13/22 15:13	04/14/22 19:14	1
Tetrachloro-m-xylene		61		39 - 121				04/13/22 15:13	04/14/22 19:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.4		1.0	0.43	mg/L			04/29/22 00:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.58				SU			04/05/22 15:52	1
Field Conductivity	1660				umhos/cm			04/05/22 15:52	1
Field Temperature	14.7				Degrees C			04/05/22 15:52	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 04/05/22 08:05

Lab Sample ID: 480-196590-1

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 18:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 18:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 18:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 18:50	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 18:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 18:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 18:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 18:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 18:50	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 18:50	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 18:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 18:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 18:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 18:50	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 18:50	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 18:50	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 18:50	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 18:50	1
Acetone	ND		10	3.0	ug/L			04/11/22 18:50	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 18:50	1
Acrolein	ND		20	0.91	ug/L			04/11/22 18:50	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 18:50	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 18:50	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 18:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 18:50	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 18:50	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 18:50	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 18:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 18:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 18:50	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 18:50	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 18:50	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 18:50	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 18:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 18:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 18:50	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 18:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 18:50	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 18:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 18:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 18:50	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 18:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 18:50	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 18:50	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 18:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 18:50	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 18:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 18:50	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 18:50	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 04/05/22 08:05

Lab Sample ID: 480-196590-1

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 18:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 18:50	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 18:50	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 18:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 18:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 18:50	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 18:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 18:50	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 18:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 18:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 18:50	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		113		77 - 120				04/11/22 18:50	1
4-Bromofluorobenzene (Surr)		96		73 - 120				04/11/22 18:50	1
Toluene-d8 (Surr)		98		80 - 120				04/11/22 18:50	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 19:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 19:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:45	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:45	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:45	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:45	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:45	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 06:45	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 06:45	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		40		19 - 120			04/14/22 06:29	04/15/22 06:45	1
Tetrachloro-m-xylene		86		39 - 121			04/14/22 06:29	04/15/22 06:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7.1		1.0	0.43	mg/L			04/15/22 20:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.89				SU			04/05/22 08:05	1
Field Conductivity	630				umhos/cm			04/05/22 08:05	1
Field Temperature	7.1				Degrees C			04/05/22 08:05	1
Field Turbidity	4.03				NTU			04/05/22 08:05	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-12

Date Collected: 04/05/22 08:35

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 19:13	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 19:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 19:13	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 19:13	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 19:13	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 19:13	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 19:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 19:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 19:13	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 19:13	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 19:13	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 19:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 19:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 19:13	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 19:13	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 19:13	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 19:13	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 19:13	1
Acetone	ND		10	3.0	ug/L			04/11/22 19:13	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 19:13	1
Acrolein	ND		20	0.91	ug/L			04/11/22 19:13	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 19:13	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 19:13	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 19:13	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 19:13	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 19:13	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 19:13	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 19:13	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 19:13	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 19:13	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 19:13	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 19:13	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 19:13	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 19:13	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 19:13	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 19:13	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 19:13	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 19:13	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 19:13	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 19:13	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 19:13	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 19:13	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 19:13	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 19:13	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 19:13	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 19:13	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 19:13	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 19:13	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 19:13	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-12

Lab Sample ID: 480-196590-2

Matrix: Water

Date Collected: 04/05/22 08:35

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 19:13	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 19:13	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 19:13	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 19:13	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 19:13	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 19:13	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 19:13	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 19:13	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 19:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 19:13	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120					04/11/22 19:13	1
4-Bromofluorobenzene (Surr)	92		73 - 120					04/11/22 19:13	1
Toluene-d8 (Surr)	98		80 - 120					04/11/22 19:13	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 19:31	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 19:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:58	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:58	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:58	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:58	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 06:58	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 06:58	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 06:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		19 - 120				04/14/22 06:29	04/15/22 06:58	1
Tetrachloro-m-xylene	92		39 - 121				04/14/22 06:29	04/15/22 06:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.6		1.0	0.43	mg/L			04/15/22 21:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.94				SU			04/05/22 08:35	1
Field Conductivity	656				umhos/cm			04/05/22 08:35	1
Field Temperature	6.6				Degrees C			04/05/22 08:35	1
Field Turbidity	5.15				NTU			04/05/22 08:35	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Lab Sample ID: 480-196590-3

Matrix: Water

Date Collected: 04/05/22 08:58

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 19:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 19:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 19:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 19:36	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 19:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 19:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 19:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 19:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 19:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 19:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 19:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 19:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 19:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 19:36	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 19:36	1
2-Butanone (MEK)	ND	++	10	1.3	ug/L			04/11/22 19:36	1
2-Hexanone	ND	++	10	1.2	ug/L			04/11/22 19:36	1
4-Methyl-2-pentanone (MIBK)	ND	++	10	2.1	ug/L			04/11/22 19:36	1
Acetone	ND		10	3.0	ug/L			04/11/22 19:36	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 19:36	1
Acrolein	ND		20	0.91	ug/L			04/11/22 19:36	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 19:36	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 19:36	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 19:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 19:36	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 19:36	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 19:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 19:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 19:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 19:36	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 19:36	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 19:36	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 19:36	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 19:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 19:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 19:36	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 19:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 19:36	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 19:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 19:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 19:36	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 19:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 19:36	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 19:36	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 19:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 19:36	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 19:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 19:36	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 19:36	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Lab Sample ID: 480-196590-3

Matrix: Water

Date Collected: 04/05/22 08:58

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 19:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 19:36	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 19:36	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 19:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 19:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 19:36	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 19:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 19:36	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 19:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 19:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 19:36	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		104		77 - 120				04/11/22 19:36	1
4-Bromofluorobenzene (Surr)		98		73 - 120				04/11/22 19:36	1
Toluene-d8 (Surr)		99		80 - 120				04/11/22 19:36	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 19:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 19:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:12	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:12	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:12	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:12	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:12	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:12	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:12	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		32		19 - 120			04/14/22 06:29	04/15/22 07:12	1
Tetrachloro-m-xylene		79		39 - 121			04/14/22 06:29	04/15/22 07:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7.5		1.0	0.43	mg/L			04/15/22 22:09	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.98				SU			04/05/22 08:58	1
Field Conductivity	609				umhos/cm			04/05/22 08:58	1
Field Temperature	7.1				Degrees C			04/05/22 08:58	1
Field Turbidity	3.97				NTU			04/05/22 08:58	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Date Collected: 04/05/22 09:22

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 19:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 19:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 19:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 19:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 19:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 19:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 19:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 19:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 19:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 19:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 19:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 19:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 19:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 19:59	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 19:59	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 19:59	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 19:59	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 19:59	1
Acetone	ND		10	3.0	ug/L			04/11/22 19:59	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 19:59	1
Acrolein	ND		20	0.91	ug/L			04/11/22 19:59	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 19:59	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 19:59	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 19:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 19:59	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 19:59	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 19:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 19:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 19:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 19:59	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 19:59	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 19:59	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 19:59	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 19:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 19:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 19:59	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 19:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 19:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 19:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 19:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 19:59	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 19:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 19:59	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 19:59	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 19:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 19:59	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 19:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 19:59	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 19:59	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Lab Sample ID: 480-196590-4

Matrix: Water

Date Collected: 04/05/22 09:22

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 19:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 19:59	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 19:59	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 19:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 19:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 19:59	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 19:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 19:59	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 19:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 19:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 19:59	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		105		77 - 120				04/11/22 19:59	1
4-Bromofluorobenzene (Surr)		97		73 - 120				04/11/22 19:59	1
Toluene-d8 (Surr)		101		80 - 120				04/11/22 19:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 20:31	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 20:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:25	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:25	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:25	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:25	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:25	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:25	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:25	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		34		19 - 120			04/14/22 06:29	04/15/22 07:25	1
Tetrachloro-m-xylene		86		39 - 121			04/14/22 06:29	04/15/22 07:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7.7		1.0	0.43	mg/L			04/15/22 22:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.12				SU			04/05/22 09:22	1
Field Conductivity	556				umhos/cm			04/05/22 09:22	1
Field Temperature	7.1				Degrees C			04/05/22 09:22	1
Field Turbidity	3.61				NTU			04/05/22 09:22	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Lab Sample ID: 480-196590-5

Date Collected: 04/05/22 09:50

Matrix: Water

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 20:22	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 20:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 20:22	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 20:22	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 20:22	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 20:22	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 20:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 20:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 20:22	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 20:22	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 20:22	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 20:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 20:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 20:22	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 20:22	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 20:22	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 20:22	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 20:22	1
Acetone	ND		10	3.0	ug/L			04/11/22 20:22	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 20:22	1
Acrolein	ND		20	0.91	ug/L			04/11/22 20:22	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 20:22	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 20:22	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 20:22	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 20:22	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 20:22	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 20:22	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 20:22	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 20:22	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 20:22	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 20:22	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 20:22	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 20:22	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 20:22	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 20:22	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 20:22	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 20:22	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 20:22	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 20:22	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 20:22	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 20:22	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 20:22	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 20:22	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 20:22	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 20:22	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 20:22	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 20:22	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 20:22	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 20:22	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Lab Sample ID: 480-196590-5

Matrix: Water

Date Collected: 04/05/22 09:50

Date Received: 04/07/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 20:22	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 20:22	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 20:22	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 20:22	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 20:22	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 20:22	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 20:22	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 20:22	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 20:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 20:22	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					04/11/22 20:22	1
4-Bromofluorobenzene (Surr)	96		73 - 120					04/11/22 20:22	1
Toluene-d8 (Surr)	97		80 - 120					04/11/22 20:22	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 20:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 20:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:39	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:39	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:39	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:39	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:39	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:39	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	35		19 - 120				04/14/22 06:29	04/15/22 07:39	1
Tetrachloro-m-xylene	89		39 - 121				04/14/22 06:29	04/15/22 07:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	8.7		1.0	0.43	mg/L			04/15/22 23:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.03				SU			04/05/22 09:50	1
Field Conductivity	563				umhos/cm			04/05/22 09:50	1
Field Temperature	7.4				Degrees C			04/05/22 09:50	1
Field Turbidity	6.09				NTU			04/05/22 09:50	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-18

Date Collected: 04/04/22 14:17

Lab Sample ID: 480-196593-1

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 20:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 20:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 20:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 20:45	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 20:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 20:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 20:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 20:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 20:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 20:45	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 20:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 20:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 20:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 20:45	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 20:45	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 20:45	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 20:45	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 20:45	1
Acetone	ND		10	3.0	ug/L			04/11/22 20:45	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 20:45	1
Acrolein	ND		20	0.91	ug/L			04/11/22 20:45	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 20:45	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 20:45	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 20:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 20:45	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 20:45	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 20:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 20:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 20:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 20:45	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 20:45	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 20:45	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 20:45	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 20:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 20:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 20:45	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 20:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 20:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 20:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 20:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 20:45	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 20:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 20:45	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 20:45	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 20:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 20:45	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 20:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 20:45	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 20:45	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-18

Lab Sample ID: 480-196593-1

Matrix: Water

Date Collected: 04/04/22 14:17

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 20:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 20:45	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 20:45	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 20:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 20:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 20:45	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 20:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 20:45	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 20:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 20:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					04/11/22 20:45	1
4-Bromofluorobenzene (Surr)	99		73 - 120					04/11/22 20:45	1
Toluene-d8 (Surr)	98		80 - 120					04/11/22 20:45	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 19:14	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 19:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:52	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:52	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:52	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:52	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 07:52	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:52	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		19 - 120				04/14/22 06:29	04/15/22 07:52	1
Tetrachloro-m-xylene	84		39 - 121				04/14/22 06:29	04/15/22 07:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.1		1.0	0.43	mg/L			04/16/22 02:02	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.86				SU			04/04/22 14:17	1
Field Conductivity	1887				umhos/cm			04/04/22 14:17	1
Field Temperature	14.1				Degrees C			04/04/22 14:17	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-16

Lab Sample ID: 480-196593-2

Matrix: Water

Date Collected: 04/04/22 14:37

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 21:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 21:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 21:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 21:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 21:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 21:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 21:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 21:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 21:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 21:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 21:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 21:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 21:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 21:08	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 21:08	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 21:08	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 21:08	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 21:08	1
Acetone	ND		10	3.0	ug/L			04/11/22 21:08	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 21:08	1
Acrolein	ND		20	0.91	ug/L			04/11/22 21:08	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 21:08	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 21:08	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 21:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 21:08	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 21:08	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 21:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 21:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 21:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 21:08	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 21:08	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 21:08	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 21:08	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 21:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 21:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 21:08	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 21:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 21:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 21:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 21:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 21:08	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 21:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 21:08	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 21:08	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 21:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 21:08	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 21:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 21:08	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 21:08	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-16

Lab Sample ID: 480-196593-2

Matrix: Water

Date Collected: 04/04/22 14:37

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 21:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 21:08	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 21:08	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 21:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 21:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 21:08	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 21:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 21:08	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 21:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 21:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					04/11/22 21:08	1
4-Bromofluorobenzene (Surr)	99		73 - 120					04/11/22 21:08	1
Toluene-d8 (Surr)	99		80 - 120					04/11/22 21:08	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 19:34	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 19:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:32	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:32	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:32	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:32	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:32	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 08:32	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 08:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		19 - 120				04/14/22 06:29	04/15/22 08:32	1
Tetrachloro-m-xylene	80		39 - 121				04/14/22 06:29	04/15/22 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.9		1.0	0.43	mg/L			04/28/22 21:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.72				SU			04/04/22 14:37	1
Field Conductivity	2520				umhos/cm			04/04/22 14:37	1
Field Temperature	14.0				Degrees C			04/04/22 14:37	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Lab Sample ID: 480-196593-3

Date Collected: 04/04/22 15:52

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 21:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 21:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 21:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 21:31	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 21:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 21:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 21:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 21:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 21:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 21:31	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 21:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 21:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 21:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 21:31	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 21:31	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 21:31	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 21:31	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 21:31	1
Acetone	ND		10	3.0	ug/L			04/11/22 21:31	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 21:31	1
Acrolein	ND		20	0.91	ug/L			04/11/22 21:31	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 21:31	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 21:31	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 21:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 21:31	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 21:31	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 21:31	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 21:31	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 21:31	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 21:31	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 21:31	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 21:31	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 21:31	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 21:31	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 21:31	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 21:31	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 21:31	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 21:31	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 21:31	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 21:31	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 21:31	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 21:31	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 21:31	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 21:31	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 21:31	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 21:31	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 21:31	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 21:31	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 21:31	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Lab Sample ID: 480-196593-3

Matrix: Water

Date Collected: 04/04/22 15:52

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 21:31	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 21:31	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 21:31	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 21:31	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 21:31	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 21:31	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 21:31	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 21:31	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 21:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 21:31	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					04/11/22 21:31	1
4-Bromofluorobenzene (Surr)	93		73 - 120					04/11/22 21:31	1
Toluene-d8 (Surr)	98		80 - 120					04/11/22 21:31	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 14:14	04/11/22 19:54	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 14:14	04/11/22 19:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:45	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:45	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:45	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:45	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:45	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 08:45	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 08:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		19 - 120				04/14/22 06:29	04/15/22 08:45	1
Tetrachloro-m-xylene	82		39 - 121				04/14/22 06:29	04/15/22 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.7		1.0	0.43	mg/L			04/16/22 03:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79				SU			04/04/22 15:52	1
Field Conductivity	2490				umhos/cm			04/04/22 15:52	1
Field Temperature	13.7				Degrees C			04/04/22 15:52	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-17

Date Collected: 04/04/22 16:12

Lab Sample ID: 480-196593-4

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 21:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 21:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 21:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 21:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 21:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 21:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 21:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 21:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 21:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 21:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 21:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 21:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 21:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 21:55	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 21:55	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			04/11/22 21:55	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/11/22 21:55	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/11/22 21:55	1
Acetone	ND		10	3.0	ug/L			04/11/22 21:55	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 21:55	1
Acrolein	ND		20	0.91	ug/L			04/11/22 21:55	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 21:55	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 21:55	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 21:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 21:55	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 21:55	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 21:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 21:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 21:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 21:55	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 21:55	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 21:55	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 21:55	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 21:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 21:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 21:55	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 21:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 21:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 21:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 21:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 21:55	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 21:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 21:55	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 21:55	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 21:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 21:55	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 21:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 21:55	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 21:55	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-17

Date Collected: 04/04/22 16:12

Lab Sample ID: 480-196593-4

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 21:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 21:55	1
Tetrahydrofuran	ND	*+	5.0	1.3	ug/L			04/11/22 21:55	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 21:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 21:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 21:55	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 21:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 21:55	1
Vinyl acetate	ND	*+	10	0.85	ug/L			04/11/22 21:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 21:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 21:55	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		104		77 - 120				04/11/22 21:55	1
4-Bromofluorobenzene (Surr)		96		73 - 120				04/11/22 21:55	1
Toluene-d8 (Surr)		102		80 - 120				04/11/22 21:55	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 14:14	04/11/22 20:37	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 14:14	04/11/22 20:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:58	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:58	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:58	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:58	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 08:58	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 08:58	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 08:58	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		54		19 - 120			04/14/22 06:29	04/15/22 08:58	1
Tetrachloro-m-xylene		88		39 - 121			04/14/22 06:29	04/15/22 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			04/16/22 03:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			04/04/22 16:12	1
Field Conductivity	1587				umhos/cm			04/04/22 16:12	1
Field Temperature	13.9				Degrees C			04/04/22 16:12	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22A

Lab Sample ID: 480-196593-5

Date Collected: 04/04/22 16:56

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 14:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 14:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 14:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 14:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 14:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 14:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 14:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 14:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 14:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 14:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 14:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 14:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 14:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 14:11	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/12/22 14:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 14:11	1
2-Hexanone	ND		10	1.2	ug/L			04/12/22 14:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/12/22 14:11	1
Acetone	ND		10	3.0	ug/L			04/12/22 14:11	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 14:11	1
Acrolein	ND		20	0.91	ug/L			04/12/22 14:11	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 14:11	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 14:11	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 14:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 14:11	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 14:11	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 14:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 14:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 14:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 14:11	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 14:11	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 14:11	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 14:11	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 14:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 14:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 14:11	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 14:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 14:11	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/12/22 14:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 14:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 14:11	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 14:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 14:11	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 14:11	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 14:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 14:11	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 14:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 14:11	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 14:11	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22A

Lab Sample ID: 480-196593-5

Matrix: Water

Date Collected: 04/04/22 16:56

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 14:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 14:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 14:11	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 14:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 14:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 14:11	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 14:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 14:11	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 14:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 14:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 14:11	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		105		77 - 120				04/12/22 14:11	1
4-Bromofluorobenzene (Surr)		104		73 - 120				04/12/22 14:11	1
Toluene-d8 (Surr)		101		80 - 120				04/12/22 14:11	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 20:57	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 20:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:12	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:12	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:12	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:12	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:12	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:12	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:12	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		51		19 - 120			04/14/22 06:29	04/15/22 09:12	1
Tetrachloro-m-xylene		88		39 - 121			04/14/22 06:29	04/15/22 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.5		1.0	0.43	mg/L			04/16/22 03:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79				SU			04/04/22 16:56	1
Field Conductivity	2180				umhos/cm			04/04/22 16:56	1
Field Temperature	14.0				Degrees C			04/04/22 16:56	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-196593-6

Date Collected: 04/04/22 17:20

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 16:03	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 16:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 16:03	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 16:03	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 16:03	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 16:03	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 16:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 16:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 16:03	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 16:03	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 16:03	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 16:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 16:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 16:03	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 16:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 16:03	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 16:03	1
Acetone	ND		10	3.0	ug/L			04/11/22 16:03	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 16:03	1
Acrolein	ND		20	0.91	ug/L			04/11/22 16:03	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 16:03	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 16:03	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 16:03	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 16:03	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 16:03	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 16:03	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 16:03	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 16:03	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 16:03	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 16:03	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 16:03	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 16:03	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 16:03	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 16:03	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 16:03	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 16:03	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 16:03	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 16:03	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 16:03	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 16:03	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 16:03	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 16:03	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 16:03	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 16:03	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 16:03	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 16:03	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 16:03	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 16:03	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-196593-6

Matrix: Water

Date Collected: 04/04/22 17:20

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 16:03	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 16:03	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 16:03	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 16:03	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 16:03	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 16:03	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 16:03	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 16:03	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 16:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 16:03	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					04/11/22 16:03	1
4-Bromofluorobenzene (Surr)	103		73 - 120					04/11/22 16:03	1
Toluene-d8 (Surr)	99		80 - 120					04/11/22 16:03	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 21:17	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 21:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:25	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:25	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:25	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:25	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:25	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:25	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		19 - 120				04/14/22 06:29	04/15/22 09:25	1
Tetrachloro-m-xylene	90		39 - 121				04/14/22 06:29	04/15/22 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.6		1.0	0.43	mg/L			04/16/22 04:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29				SU			04/04/22 17:20	1
Field Conductivity	1068				umhos/cm			04/04/22 17:20	1
Field Temperature	13.4				Degrees C			04/04/22 17:20	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Lab Sample ID: 480-196593-7

Date Collected: 04/05/22 11:16

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 16:26	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 16:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 16:26	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 16:26	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 16:26	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 16:26	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 16:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 16:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 16:26	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 16:26	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 16:26	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 16:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 16:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 16:26	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 16:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 16:26	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 16:26	1
Acetone	ND		10	3.0	ug/L			04/11/22 16:26	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 16:26	1
Acrolein	ND		20	0.91	ug/L			04/11/22 16:26	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 16:26	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 16:26	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 16:26	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 16:26	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 16:26	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 16:26	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 16:26	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 16:26	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 16:26	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 16:26	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 16:26	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 16:26	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 16:26	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 16:26	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 16:26	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 16:26	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 16:26	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 16:26	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 16:26	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 16:26	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 16:26	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 16:26	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 16:26	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 16:26	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 16:26	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 16:26	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 16:26	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 16:26	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Date Collected: 04/05/22 11:16

Lab Sample ID: 480-196593-7

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 16:26	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 16:26	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 16:26	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 16:26	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 16:26	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 16:26	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 16:26	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 16:26	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 16:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 16:26	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 16:26	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		98		77 - 120				04/11/22 16:26	1
4-Bromofluorobenzene (Surr)		99		73 - 120				04/11/22 16:26	1
Toluene-d8 (Surr)		96		80 - 120				04/11/22 16:26	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 21:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 21:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:38	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:38	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:38	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:38	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:38	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:38	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:38	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		48		19 - 120			04/14/22 06:29	04/15/22 09:38	1
Tetrachloro-m-xylene		85		39 - 121			04/14/22 06:29	04/15/22 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L			04/16/22 04:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.24				SU			04/05/22 11:16	1
Field Conductivity	1110				umhos/cm			04/05/22 11:16	1
Field Temperature	13.9				Degrees C			04/05/22 11:16	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP-TSCA 1

Date Collected: 04/05/22 11:16

Lab Sample ID: 480-196593-8

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 16:51	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 16:51	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 16:51	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 16:51	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 16:51	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 16:51	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 16:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 16:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 16:51	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 16:51	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 16:51	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 16:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 16:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 16:51	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 16:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 16:51	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 16:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 16:51	1
Acetone	ND		10	3.0	ug/L			04/11/22 16:51	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 16:51	1
Acrolein	ND		20	0.91	ug/L			04/11/22 16:51	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 16:51	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 16:51	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 16:51	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 16:51	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 16:51	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 16:51	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 16:51	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 16:51	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 16:51	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 16:51	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 16:51	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 16:51	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 16:51	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 16:51	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 16:51	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 16:51	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 16:51	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 16:51	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 16:51	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 16:51	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 16:51	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 16:51	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 16:51	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 16:51	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 16:51	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 16:51	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 16:51	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 16:51	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP-TSCA 1

Lab Sample ID: 480-196593-8

Matrix: Water

Date Collected: 04/05/22 11:16

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 16:51	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 16:51	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 16:51	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 16:51	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 16:51	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 16:51	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 16:51	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 16:51	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 16:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 16:51	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 16:51	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		100		77 - 120				04/11/22 16:51	1
4-Bromofluorobenzene (Surr)		100		73 - 120				04/11/22 16:51	1
Toluene-d8 (Surr)		100		80 - 120				04/11/22 16:51	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 13:31	04/13/22 20:22	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 13:31	04/13/22 20:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:52	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:52	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:52	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:52	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 09:52	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:52	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 09:52	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		54		19 - 120			04/14/22 06:29	04/15/22 09:52	1
Tetrachloro-m-xylene		87		39 - 121			04/14/22 06:29	04/15/22 09:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L			04/16/22 07:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			04/05/22 11:16	1
Field Conductivity	1111				umhos/cm			04/05/22 11:16	1
Field Temperature	13.9				Degrees C			04/05/22 11:16	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-196593-9

Matrix: Water

Date Collected: 04/05/22 11:42

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 17:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 17:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 17:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 17:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 17:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 17:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 17:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 17:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 17:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 17:15	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 17:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 17:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 17:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 17:15	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 17:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 17:15	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 17:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 17:15	1
Acetone	ND		10	3.0	ug/L			04/11/22 17:15	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 17:15	1
Acrolein	ND		20	0.91	ug/L			04/11/22 17:15	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 17:15	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 17:15	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 17:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 17:15	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 17:15	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 17:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 17:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 17:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 17:15	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 17:15	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 17:15	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 17:15	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 17:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 17:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 17:15	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 17:15	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 17:15	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 17:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 17:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 17:15	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 17:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 17:15	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 17:15	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 17:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 17:15	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 17:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 17:15	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 17:15	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-196593-9

Matrix: Water

Date Collected: 04/05/22 11:42

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 17:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 17:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 17:15	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 17:15	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 17:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 17:15	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 17:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 17:15	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 17:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 17:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					04/11/22 17:15	1
4-Bromofluorobenzene (Surr)	104		73 - 120					04/11/22 17:15	1
Toluene-d8 (Surr)	100		80 - 120					04/11/22 17:15	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/13/22 22:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/13/22 22:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:05	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:05	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:05	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:05	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:05	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:05	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		19 - 120				04/14/22 06:29	04/15/22 10:05	1
Tetrachloro-m-xylene	89		39 - 121				04/14/22 06:29	04/15/22 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.8		1.0	0.43	mg/L			04/16/22 08:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88				SU			04/05/22 11:42	1
Field Conductivity	1981				umhos/cm			04/05/22 11:42	1
Field Temperature	14.2				Degrees C			04/05/22 11:42	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Date Collected: 04/05/22 12:55

Lab Sample ID: 480-196593-10

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 17:38	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 17:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 17:38	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 17:38	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 17:38	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 17:38	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 17:38	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 17:38	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 17:38	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 17:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 17:38	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 17:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 17:38	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 17:38	1
Acetone	ND		10	3.0	ug/L			04/11/22 17:38	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 17:38	1
Acrolein	ND		20	0.91	ug/L			04/11/22 17:38	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 17:38	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 17:38	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 17:38	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 17:38	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 17:38	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 17:38	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 17:38	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 17:38	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 17:38	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 17:38	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 17:38	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 17:38	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 17:38	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 17:38	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 17:38	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 17:38	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 17:38	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 17:38	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 17:38	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 17:38	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 17:38	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 17:38	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 17:38	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 17:38	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 17:38	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 17:38	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 17:38	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 17:38	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Date Collected: 04/05/22 12:55

Lab Sample ID: 480-196593-10

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 17:38	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 17:38	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 17:38	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 17:38	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 17:38	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 17:38	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 17:38	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 17:38	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 17:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 17:38	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 17:38	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		101		77 - 120				04/11/22 17:38	1
4-Bromofluorobenzene (Surr)		104		73 - 120				04/11/22 17:38	1
Toluene-d8 (Surr)		100		80 - 120				04/11/22 17:38	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/13/22 22:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/13/22 16:06	04/13/22 22:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:18	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:18	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:18	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:18	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:18	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:18	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:18	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		45		19 - 120			04/14/22 06:29	04/15/22 10:18	1
Tetrachloro-m-xylene		88		39 - 121			04/14/22 06:29	04/15/22 10:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.1		1.0	0.43	mg/L			04/16/22 09:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			04/05/22 12:55	1
Field Conductivity	1020				umhos/cm			04/05/22 12:55	1
Field Temperature	14.7				Degrees C			04/05/22 12:55	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-24

Date Collected: 04/05/22 13:18

Lab Sample ID: 480-196593-11

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 18:01	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 18:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 18:01	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 18:01	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 18:01	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 18:01	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 18:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 18:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 18:01	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 18:01	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 18:01	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 18:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 18:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 18:01	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 18:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 18:01	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 18:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 18:01	1
Acetone	ND		10	3.0	ug/L			04/11/22 18:01	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 18:01	1
Acrolein	ND		20	0.91	ug/L			04/11/22 18:01	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 18:01	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 18:01	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 18:01	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 18:01	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 18:01	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 18:01	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 18:01	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 18:01	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 18:01	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 18:01	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 18:01	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 18:01	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 18:01	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 18:01	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 18:01	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 18:01	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 18:01	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 18:01	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 18:01	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 18:01	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 18:01	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 18:01	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 18:01	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 18:01	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 18:01	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 18:01	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 18:01	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 18:01	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-24

Date Collected: 04/05/22 13:18

Lab Sample ID: 480-196593-11

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 18:01	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 18:01	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 18:01	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 18:01	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 18:01	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 18:01	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 18:01	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 18:01	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 18:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 18:01	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		04/11/22 18:01	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/11/22 18:01	1
Toluene-d8 (Surr)	100		80 - 120		04/11/22 18:01	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		04/13/22 16:06	04/13/22 22:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		04/13/22 16:06	04/13/22 22:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:32	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:32	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:32	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:32	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:32	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:32	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		19 - 120		04/14/22 06:29	04/15/22 10:32
Tetrachloro-m-xylene	84		39 - 121		04/14/22 06:29	04/15/22 10:32

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.1		1.0	0.43	mg/L			04/16/22 09:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.55				SU			04/05/22 13:18	1
Field Conductivity	2030				umhos/cm			04/05/22 13:18	1
Field Temperature	14.2				Degrees C			04/05/22 13:18	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-26

Date Collected: 04/05/22 14:55

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 18:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 18:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 18:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 18:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 18:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 18:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 18:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 18:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 18:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 18:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 18:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 18:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 18:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 18:24	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 18:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 18:24	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 18:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 18:24	1
Acetone	ND		10	3.0	ug/L			04/11/22 18:24	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 18:24	1
Acrolein	ND		20	0.91	ug/L			04/11/22 18:24	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 18:24	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 18:24	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 18:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 18:24	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 18:24	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 18:24	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 18:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 18:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 18:24	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 18:24	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 18:24	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 18:24	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 18:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 18:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 18:24	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 18:24	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 18:24	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 18:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 18:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 18:24	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 18:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 18:24	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 18:24	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 18:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 18:24	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 18:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 18:24	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 18:24	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-26

Date Collected: 04/05/22 14:55

Lab Sample ID: 480-196593-12

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 18:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 18:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 18:24	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 18:24	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 18:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 18:24	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 18:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 18:24	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 18:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 18:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 18:24	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		101		77 - 120				04/11/22 18:24	1
4-Bromofluorobenzene (Surr)		106		73 - 120				04/11/22 18:24	1
Toluene-d8 (Surr)		101		80 - 120				04/11/22 18:24	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/13/22 23:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/13/22 23:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:45	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:45	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:45	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:45	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:45	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:45	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:45	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		44		19 - 120			04/14/22 06:29	04/15/22 10:45	1
Tetrachloro-m-xylene		89		39 - 121			04/14/22 06:29	04/15/22 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.9		1.0	0.43	mg/L			04/16/22 10:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.55				SU			04/05/22 14:55	1
Field Conductivity	1964				umhos/cm			04/05/22 14:55	1
Field Temperature	14.4				Degrees C			04/05/22 14:55	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Date Collected: 04/05/22 17:12

Lab Sample ID: 480-196593-13

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 18:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 18:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 18:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 18:47	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 18:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 18:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 18:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 18:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 18:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 18:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 18:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 18:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 18:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 18:47	1
1,4-Dioxane	ND	**+	40	9.3	ug/L			04/11/22 18:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 18:47	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 18:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 18:47	1
Acetone	ND		10	3.0	ug/L			04/11/22 18:47	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 18:47	1
Acrolein	ND		20	0.91	ug/L			04/11/22 18:47	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 18:47	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 18:47	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 18:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 18:47	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 18:47	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 18:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 18:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 18:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 18:47	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 18:47	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 18:47	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 18:47	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 18:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 18:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 18:47	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 18:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 18:47	1
Ethyl methacrylate	ND	**+	2.0	0.59	ug/L			04/11/22 18:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 18:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 18:47	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 18:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 18:47	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 18:47	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 18:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 18:47	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 18:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 18:47	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 18:47	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Date Collected: 04/05/22 17:12

Lab Sample ID: 480-196593-13

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/11/22 18:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 18:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 18:47	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 18:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 18:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 18:47	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 18:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 18:47	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 18:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 18:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 18:47	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		102		77 - 120				04/11/22 18:47	1
4-Bromofluorobenzene (Surr)		103		73 - 120				04/11/22 18:47	1
Toluene-d8 (Surr)		101		80 - 120				04/11/22 18:47	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/13/22 23:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/13/22 23:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:58	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:58	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:58	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:58	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 06:29	04/15/22 10:58	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:58	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 06:29	04/15/22 10:58	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		53		19 - 120			04/14/22 06:29	04/15/22 10:58	1
Tetrachloro-m-xylene		89		39 - 121			04/14/22 06:29	04/15/22 10:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/16/22 10:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.24				SU			04/05/22 17:12	1
Field Conductivity	18.93				umhos/cm			04/05/22 17:12	1
Field Temperature	18.6				Degrees C			04/05/22 17:12	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Date Collected: 04/06/22 13:35

Lab Sample ID: 480-196593-14

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 02:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 02:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 02:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 02:10	1
1,1-Dichloroethane	7.4		2.0	0.38	ug/L			04/12/22 02:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 02:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 02:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 02:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 02:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 02:10	1
1,2-Dichloroethene, Total	17		2.0	0.81	ug/L			04/12/22 02:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 02:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 02:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 02:10	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 02:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 02:10	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 02:10	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 02:10	1
Acetone	ND		10	3.0	ug/L			04/12/22 02:10	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 02:10	1
Acrolein	ND		20	0.91	ug/L			04/12/22 02:10	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 02:10	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 02:10	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 02:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 02:10	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 02:10	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 02:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 02:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 02:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 02:10	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 02:10	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 02:10	1
Chloromethane	0.50 J		2.0	0.35	ug/L			04/12/22 02:10	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 02:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 02:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 02:10	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 02:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 02:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 02:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 02:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 02:10	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 02:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 02:10	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 02:10	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 02:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 02:10	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 02:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 02:10	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 02:10	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Date Collected: 04/06/22 13:35

Lab Sample ID: 480-196593-14

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 02:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 02:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 02:10	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 02:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 02:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 02:10	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 02:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 02:10	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 02:10	1
Vinyl chloride	1.0		1.0	0.90	ug/L			04/12/22 02:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					04/12/22 02:10	1
4-Bromofluorobenzene (Surr)	98		73 - 120					04/12/22 02:10	1
Toluene-d8 (Surr)	99		80 - 120					04/12/22 02:10	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 00:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/14/22 00:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:49	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:49	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:49	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:49	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:49	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 01:49	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		19 - 120				04/14/22 09:02	04/15/22 01:49	1
Tetrachloro-m-xylene	80		39 - 121				04/14/22 09:02	04/15/22 01:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.9		1.0	0.43	mg/L			04/16/22 12:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88				SU			04/06/22 13:35	1
Field Conductivity	1440				umhos/cm			04/06/22 13:35	1
Field Temperature	14.1				Degrees C			04/06/22 13:35	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Date Collected: 04/06/22 14:17

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 02:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 02:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 02:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 02:33	1
1,1-Dichloroethane	19		2.0	0.38	ug/L			04/12/22 02:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 02:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 02:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 02:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 02:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 02:33	1
1,2-Dichloroethene, Total	12		2.0	0.81	ug/L			04/12/22 02:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 02:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 02:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 02:33	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 02:33	1
2-Butanone (MEK)	ND	F1	10	1.3	ug/L			04/12/22 02:33	1
2-Hexanone	ND	*+ F1	10	1.2	ug/L			04/12/22 02:33	1
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	10	2.1	ug/L			04/12/22 02:33	1
Acetone	ND		10	3.0	ug/L			04/12/22 02:33	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 02:33	1
Acrolein	ND		20	0.91	ug/L			04/12/22 02:33	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 02:33	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 02:33	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 02:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 02:33	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 02:33	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 02:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 02:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 02:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 02:33	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 02:33	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 02:33	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 02:33	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 02:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 02:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 02:33	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 02:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 02:33	1
Ethyl methacrylate	ND	F1	2.0	0.59	ug/L			04/12/22 02:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 02:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 02:33	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 02:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 02:33	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 02:33	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 02:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 02:33	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 02:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 02:33	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 02:33	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Lab Sample ID: 480-196593-15

Date Collected: 04/06/22 14:17

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 02:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 02:33	1
Tetrahydrofuran	2.0 J F1		5.0	1.3	ug/L			04/12/22 02:33	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 02:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 02:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 02:33	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 02:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 02:33	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 02:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 02:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120					04/12/22 02:33	1
4-Bromofluorobenzene (Surr)	98		73 - 120					04/12/22 02:33	1
Toluene-d8 (Surr)	97		80 - 120					04/12/22 02:33	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 00:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/13/22 16:06	04/14/22 00:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:36	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:36	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:36	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:36	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 01:36	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 01:36	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		19 - 120				04/14/22 09:02	04/15/22 01:36	1
Tetrachloro-m-xylene	76		39 - 121				04/14/22 09:02	04/15/22 01:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.1		1.0	0.43	mg/L			04/16/22 01:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.92				SU			04/06/22 14:17	1
Field Conductivity	1354				umhos/cm			04/06/22 14:17	1
Field Temperature	14.9				Degrees C			04/06/22 14:17	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-10

Date Collected: 04/06/22 09:30

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 02:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 02:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 02:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 02:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 02:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 02:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 02:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 02:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 02:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 02:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 02:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 02:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 02:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 02:56	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 02:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 02:56	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 02:56	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 02:56	1
Acetone	ND		10	3.0	ug/L			04/12/22 02:56	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 02:56	1
Acrolein	ND		20	0.91	ug/L			04/12/22 02:56	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 02:56	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 02:56	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 02:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 02:56	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 02:56	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 02:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 02:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 02:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 02:56	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 02:56	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 02:56	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 02:56	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 02:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 02:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 02:56	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 02:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 02:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 02:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 02:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 02:56	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 02:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 02:56	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 02:56	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 02:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 02:56	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 02:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 02:56	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 02:56	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-10

Date Collected: 04/06/22 09:30

Lab Sample ID: 480-196593-16

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 02:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 02:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 02:56	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 02:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 02:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 02:56	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 02:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 02:56	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 02:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 02:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 02:56	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		106		77 - 120				04/12/22 02:56	1
4-Bromofluorobenzene (Surr)		94		73 - 120				04/12/22 02:56	1
Toluene-d8 (Surr)		92		80 - 120				04/12/22 02:56	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/14/22 01:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/14/22 01:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:02	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:02	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:02	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:02	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:02	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:02	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:02	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		95		19 - 120				04/14/22 09:02	04/15/22 02:02
Tetrachloro-m-xylene		93		39 - 121				04/14/22 09:02	04/15/22 02:02

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.8		1.0	0.43	mg/L			04/16/22 13:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.42				SU			04/06/22 09:30	1
Field Conductivity	1020				umhos/cm			04/06/22 09:30	1
Field Temperature	14.3				Degrees C			04/06/22 09:30	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 2

Date Collected: 04/06/22 09:30

Lab Sample ID: 480-196593-17

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 03:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 03:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 03:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 03:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 03:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 03:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 03:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 03:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 03:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 03:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 03:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 03:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 03:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 03:19	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 03:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 03:19	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 03:19	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 03:19	1
Acetone	ND		10	3.0	ug/L			04/12/22 03:19	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 03:19	1
Acrolein	ND		20	0.91	ug/L			04/12/22 03:19	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 03:19	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 03:19	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 03:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 03:19	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 03:19	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 03:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 03:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 03:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 03:19	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 03:19	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 03:19	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 03:19	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 03:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 03:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 03:19	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 03:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 03:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 03:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 03:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 03:19	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 03:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 03:19	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 03:19	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 03:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 03:19	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 03:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 03:19	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 03:19	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 2

Date Collected: 04/06/22 09:30

Lab Sample ID: 480-196593-17

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 03:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 03:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 03:19	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 03:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 03:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 03:19	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 03:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 03:19	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 03:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 03:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		04/12/22 03:19	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/12/22 03:19	1
Toluene-d8 (Surr)	98		80 - 120		04/12/22 03:19	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 01:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/13/22 16:06	04/14/22 01:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:15	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:15	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:15	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:15	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:15	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:15	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		19 - 120		04/14/22 09:02	04/15/22 02:15
Tetrachloro-m-xylene	83		39 - 121		04/14/22 09:02	04/15/22 02:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.7		1.0	0.43	mg/L			04/16/22 14:09	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.44				SU			04/06/22 09:30	1
Field Conductivity	1021				umhos/cm			04/06/22 09:30	1
Field Temperature	14.3				Degrees C			04/06/22 09:30	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Date Collected: 04/06/22 11:43

Lab Sample ID: 480-196593-18

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 03:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 03:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 03:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 03:42	1
1,1-Dichloroethane	6.1		2.0	0.38	ug/L			04/12/22 03:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 03:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 03:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 03:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 03:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 03:42	1
1,2-Dichloroethene, Total	21		2.0	0.81	ug/L			04/12/22 03:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 03:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 03:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 03:42	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 03:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 03:42	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 03:42	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 03:42	1
Acetone	ND		10	3.0	ug/L			04/12/22 03:42	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 03:42	1
Acrolein	ND		20	0.91	ug/L			04/12/22 03:42	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 03:42	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 03:42	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 03:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 03:42	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 03:42	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 03:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 03:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 03:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 03:42	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 03:42	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 03:42	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 03:42	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 03:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 03:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 03:42	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 03:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 03:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 03:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 03:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 03:42	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 03:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 03:42	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 03:42	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 03:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 03:42	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 03:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 03:42	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 03:42	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Lab Sample ID: 480-196593-18

Date Collected: 04/06/22 11:43

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 03:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 03:42	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 03:42	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 03:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 03:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 03:42	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 03:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 03:42	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 03:42	1
Vinyl chloride	2.0		1.0	0.90	ug/L			04/12/22 03:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					04/12/22 03:42	1
4-Bromofluorobenzene (Surr)	99		73 - 120					04/12/22 03:42	1
Toluene-d8 (Surr)	99		80 - 120					04/12/22 03:42	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/14/22 02:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/14/22 02:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:28	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:28	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:28	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:28	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:28	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:28	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		19 - 120				04/14/22 09:02	04/15/22 02:28	1
Tetrachloro-m-xylene	82		39 - 121				04/14/22 09:02	04/15/22 02:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.4		1.0	0.43	mg/L			04/16/22 14:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			04/06/22 11:43	1
Field Conductivity	1286				umhos/cm			04/06/22 11:43	1
Field Temperature	14.0				Degrees C			04/06/22 11:43	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 3

Date Collected: 04/06/22 11:43

Lab Sample ID: 480-196593-19

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 04:05	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 04:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 04:05	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 04:05	1
1,1-Dichloroethane	5.7		2.0	0.38	ug/L			04/12/22 04:05	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 04:05	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 04:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 04:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 04:05	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 04:05	1
1,2-Dichloroethene, Total	20		2.0	0.81	ug/L			04/12/22 04:05	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 04:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 04:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 04:05	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 04:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 04:05	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 04:05	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 04:05	1
Acetone	ND		10	3.0	ug/L			04/12/22 04:05	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 04:05	1
Acrolein	ND		20	0.91	ug/L			04/12/22 04:05	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 04:05	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 04:05	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 04:05	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 04:05	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 04:05	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 04:05	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 04:05	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 04:05	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 04:05	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 04:05	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 04:05	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 04:05	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 04:05	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 04:05	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 04:05	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 04:05	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 04:05	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 04:05	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 04:05	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 04:05	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 04:05	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 04:05	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 04:05	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 04:05	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 04:05	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 04:05	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 04:05	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 04:05	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 3

Date Collected: 04/06/22 11:43

Lab Sample ID: 480-196593-19

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 04:05	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 04:05	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 04:05	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 04:05	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 04:05	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 04:05	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 04:05	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 04:05	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 04:05	1
Vinyl chloride	1.7		1.0	0.90	ug/L			04/12/22 04:05	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					04/12/22 04:05	1
4-Bromofluorobenzene (Surr)	94		73 - 120					04/12/22 04:05	1
Toluene-d8 (Surr)	96		80 - 120					04/12/22 04:05	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 02:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/14/22 02:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:41	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:41	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:41	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:41	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:41	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:41	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		19 - 120				04/14/22 09:02	04/15/22 02:41	1
Tetrachloro-m-xylene	72		39 - 121				04/14/22 09:02	04/15/22 02:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.4		1.0	0.43	mg/L			04/16/22 15:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.01				SU			04/06/22 11:43	1
Field Conductivity	1288				umhos/cm			04/06/22 11:43	1
Field Temperature	14.0				Degrees C			04/06/22 11:43	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Date Collected: 04/06/22 12:32

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 04:28	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 04:28	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 04:28	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 04:28	1
1,1-Dichloroethane	22		2.0	0.38	ug/L			04/12/22 04:28	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 04:28	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 04:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 04:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 04:28	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 04:28	1
1,2-Dichloroethene, Total	13		2.0	0.81	ug/L			04/12/22 04:28	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 04:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 04:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 04:28	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 04:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 04:28	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 04:28	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 04:28	1
Acetone	ND		10	3.0	ug/L			04/12/22 04:28	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 04:28	1
Acrolein	ND		20	0.91	ug/L			04/12/22 04:28	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 04:28	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 04:28	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 04:28	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 04:28	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 04:28	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 04:28	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 04:28	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 04:28	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 04:28	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 04:28	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 04:28	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 04:28	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 04:28	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 04:28	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 04:28	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 04:28	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 04:28	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 04:28	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 04:28	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 04:28	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 04:28	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 04:28	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 04:28	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 04:28	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 04:28	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 04:28	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 04:28	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 04:28	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Lab Sample ID: 480-196593-20

Date Collected: 04/06/22 12:32

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 04:28	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 04:28	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 04:28	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 04:28	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 04:28	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 04:28	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 04:28	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 04:28	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 04:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 04:28	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					04/12/22 04:28	1
4-Bromofluorobenzene (Surr)	97		73 - 120					04/12/22 04:28	1
Toluene-d8 (Surr)	96		80 - 120					04/12/22 04:28	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/14/22 02:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/14/22 02:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:53	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:53	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:53	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:53	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 02:53	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:53	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		19 - 120				04/14/22 09:02	04/15/22 02:53	1
Tetrachloro-m-xylene	81		39 - 121				04/14/22 09:02	04/15/22 02:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.1		1.0	0.43	mg/L			04/16/22 15:37	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.00				SU			04/06/22 12:32	1
Field Conductivity	1199				umhos/cm			04/06/22 12:32	1
Field Temperature	14.4				Degrees C			04/06/22 12:32	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-13

Date Collected: 04/06/22 15:26

Lab Sample ID: 480-196593-21

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 04:51	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 04:51	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 04:51	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 04:51	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 04:51	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 04:51	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 04:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 04:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 04:51	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 04:51	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 04:51	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 04:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 04:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 04:51	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 04:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 04:51	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 04:51	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 04:51	1
Acetone	ND		10	3.0	ug/L			04/12/22 04:51	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 04:51	1
Acrolein	ND		20	0.91	ug/L			04/12/22 04:51	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 04:51	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 04:51	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 04:51	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 04:51	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 04:51	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 04:51	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 04:51	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 04:51	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 04:51	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 04:51	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 04:51	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 04:51	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 04:51	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 04:51	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 04:51	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 04:51	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 04:51	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 04:51	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 04:51	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 04:51	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 04:51	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 04:51	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 04:51	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 04:51	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 04:51	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 04:51	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 04:51	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 04:51	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-13

Lab Sample ID: 480-196593-21

Date Collected: 04/06/22 15:26

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 04:51	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 04:51	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 04:51	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 04:51	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 04:51	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 04:51	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 04:51	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 04:51	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 04:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 04:51	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120					04/12/22 04:51	1
4-Bromofluorobenzene (Surr)	94		73 - 120					04/12/22 04:51	1
Toluene-d8 (Surr)	96		80 - 120					04/12/22 04:51	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 03:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/14/22 03:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:06	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:06	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:06	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:06	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:06	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:06	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		19 - 120				04/14/22 09:02	04/15/22 03:06	1
Tetrachloro-m-xylene	73		39 - 121				04/14/22 09:02	04/15/22 03:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			04/16/22 16:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			04/06/22 15:26	1
Field Conductivity	996				umhos/cm			04/06/22 15:26	1
Field Temperature	14.5				Degrees C			04/06/22 15:26	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-25

Date Collected: 04/05/22 17:17

Lab Sample ID: 480-196593-22

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 05:14	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 05:14	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 05:14	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 05:14	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 05:14	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 05:14	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 05:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 05:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 05:14	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 05:14	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 05:14	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 05:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 05:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 05:14	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 05:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 05:14	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 05:14	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 05:14	1
Acetone	ND		10	3.0	ug/L			04/12/22 05:14	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 05:14	1
Acrolein	ND		20	0.91	ug/L			04/12/22 05:14	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 05:14	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 05:14	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 05:14	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 05:14	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 05:14	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 05:14	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 05:14	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 05:14	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 05:14	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 05:14	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 05:14	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 05:14	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 05:14	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 05:14	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 05:14	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 05:14	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 05:14	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 05:14	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 05:14	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 05:14	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 05:14	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 05:14	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 05:14	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 05:14	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 05:14	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 05:14	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 05:14	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 05:14	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-25

Lab Sample ID: 480-196593-22

Date Collected: 04/05/22 17:17

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 05:14	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 05:14	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 05:14	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 05:14	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 05:14	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 05:14	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 05:14	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 05:14	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 05:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 05:14	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					04/12/22 05:14	1
4-Bromofluorobenzene (Surr)	96		73 - 120					04/12/22 05:14	1
Toluene-d8 (Surr)	97		80 - 120					04/12/22 05:14	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/14/22 03:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/14/22 03:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:19	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:19	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:19	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:19	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:19	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:19	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		19 - 120				04/14/22 09:02	04/15/22 03:19	1
Tetrachloro-m-xylene	86		39 - 121				04/14/22 09:02	04/15/22 03:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.2		1.0	0.43	mg/L			04/16/22 16:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.70				SU			04/05/22 17:17	1
Field Conductivity	1562				umhos/cm			04/05/22 17:17	1
Field Temperature	15.0				Degrees C			04/05/22 17:17	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Date Collected: 04/05/22 17:41

Lab Sample ID: 480-196593-23

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 05:37	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 05:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 05:37	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 05:37	1
1,1-Dichloroethane	0.46	J	2.0	0.38	ug/L			04/12/22 05:37	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 05:37	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 05:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 05:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 05:37	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 05:37	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 05:37	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 05:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 05:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 05:37	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 05:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 05:37	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 05:37	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 05:37	1
Acetone	ND		10	3.0	ug/L			04/12/22 05:37	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 05:37	1
Acrolein	ND		20	0.91	ug/L			04/12/22 05:37	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 05:37	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 05:37	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 05:37	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 05:37	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 05:37	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 05:37	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 05:37	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 05:37	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 05:37	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 05:37	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 05:37	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 05:37	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 05:37	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 05:37	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 05:37	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 05:37	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 05:37	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 05:37	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 05:37	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 05:37	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 05:37	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 05:37	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 05:37	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 05:37	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 05:37	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 05:37	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 05:37	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 05:37	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Lab Sample ID: 480-196593-23

Date Collected: 04/05/22 17:41

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 05:37	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 05:37	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 05:37	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 05:37	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 05:37	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 05:37	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 05:37	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 05:37	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 05:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 05:37	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					04/12/22 05:37	1
4-Bromofluorobenzene (Surr)	98		73 - 120					04/12/22 05:37	1
Toluene-d8 (Surr)	96		80 - 120					04/12/22 05:37	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 04:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/14/22 04:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:32	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:32	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:32	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:32	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:32	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:32	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		19 - 120				04/14/22 09:02	04/15/22 03:32	1
Tetrachloro-m-xylene	86		39 - 121				04/14/22 09:02	04/15/22 03:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.7		1.0	0.43	mg/L			04/16/22 19:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.83				SU			04/05/22 17:41	1
Field Conductivity	1150				umhos/cm			04/05/22 17:41	1
Field Temperature	14.2				Degrees C			04/05/22 17:41	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-12

Date Collected: 04/05/22 18:00

Lab Sample ID: 480-196593-24

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 06:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 06:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 06:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 06:00	1
1,1-Dichloroethane	1.1 J		2.0	0.38	ug/L			04/12/22 06:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 06:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 06:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 06:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 06:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 06:00	1
1,2-Dichloroethene, Total	8.8		2.0	0.81	ug/L			04/12/22 06:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 06:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 06:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 06:00	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 06:00	1
2-Butanone (MEK)	3.1 J		10	1.3	ug/L			04/12/22 06:00	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 06:00	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 06:00	1
Acetone	ND		10	3.0	ug/L			04/12/22 06:00	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 06:00	1
Acrolein	ND		20	0.91	ug/L			04/12/22 06:00	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 06:00	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 06:00	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 06:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 06:00	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 06:00	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 06:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 06:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 06:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 06:00	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 06:00	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 06:00	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 06:00	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 06:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 06:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 06:00	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 06:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 06:00	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 06:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 06:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 06:00	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 06:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 06:00	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 06:00	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 06:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 06:00	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 06:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 06:00	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 06:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-12

Date Collected: 04/05/22 18:00

Lab Sample ID: 480-196593-24

Date Received: 04/08/22 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 06:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 06:00	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 06:00	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 06:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 06:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 06:00	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 06:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 06:00	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 06:00	1
Vinyl chloride	1.4		1.0	0.90	ug/L			04/12/22 06:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		04/12/22 06:00	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/12/22 06:00	1
Toluene-d8 (Surr)	99		80 - 120		04/12/22 06:00	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			04/11/22 14:14	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			04/11/22 14:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			04/14/22 09:02	1
PCB-1221	ND		0.50	0.18	ug/L			04/14/22 09:02	1
PCB-1232	ND		0.50	0.18	ug/L			04/14/22 09:02	1
PCB-1242	ND		0.50	0.18	ug/L			04/14/22 09:02	1
PCB-1248	ND		0.50	0.18	ug/L			04/14/22 09:02	1
PCB-1254	ND		0.50	0.25	ug/L			04/14/22 09:02	1
PCB-1260	ND		0.50	0.25	ug/L			04/14/22 09:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		19 - 120		04/14/22 09:02	1
Tetrachloro-m-xylene	79		39 - 121		04/14/22 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.0		1.0	0.43	mg/L			04/16/22 20:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.81				SU			04/05/22 18:00	1
Field Conductivity	1097				umhos/cm			04/05/22 18:00	1
Field Temperature	14.1				Degrees C			04/05/22 18:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Date Collected: 04/06/22 08:09

Lab Sample ID: 480-196593-25

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 06:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 06:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 06:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 06:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 06:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 06:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 06:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 06:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 06:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 06:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 06:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 06:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 06:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 06:23	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 06:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 06:23	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 06:23	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 06:23	1
Acetone	ND		10	3.0	ug/L			04/12/22 06:23	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 06:23	1
Acrolein	ND		20	0.91	ug/L			04/12/22 06:23	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 06:23	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 06:23	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 06:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 06:23	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 06:23	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 06:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 06:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 06:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 06:23	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 06:23	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 06:23	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 06:23	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 06:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 06:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 06:23	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 06:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 06:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 06:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 06:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 06:23	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 06:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 06:23	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 06:23	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 06:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 06:23	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 06:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 06:23	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 06:23	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Lab Sample ID: 480-196593-25

Date Collected: 04/06/22 08:09

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 06:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 06:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 06:23	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 06:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 06:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 06:23	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 06:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 06:23	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 06:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 06:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					04/12/22 06:23	1
4-Bromofluorobenzene (Surr)	94		73 - 120					04/12/22 06:23	1
Toluene-d8 (Surr)	97		80 - 120					04/12/22 06:23	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 04:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/14/22 04:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:57	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:57	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:57	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:57	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 03:57	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:57	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		19 - 120				04/14/22 09:02	04/15/22 03:57	1
Tetrachloro-m-xylene	83		39 - 121				04/14/22 09:02	04/15/22 03:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L			04/16/22 20:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			04/06/22 08:09	1
Field Conductivity	1419				umhos/cm			04/06/22 08:09	1
Field Temperature	13.9				Degrees C			04/06/22 08:09	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-20

Date Collected: 04/06/22 08:36

Lab Sample ID: 480-196593-26

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 06:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 06:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 06:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 06:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 06:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 06:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 06:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 06:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 06:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 06:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 06:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 06:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 06:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 06:46	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 06:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 06:46	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 06:46	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 06:46	1
Acetone	ND		10	3.0	ug/L			04/12/22 06:46	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 06:46	1
Acrolein	ND		20	0.91	ug/L			04/12/22 06:46	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 06:46	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 06:46	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 06:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 06:46	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 06:46	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 06:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 06:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 06:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 06:46	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 06:46	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 06:46	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 06:46	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 06:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 06:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 06:46	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 06:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 06:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 06:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 06:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 06:46	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 06:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 06:46	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 06:46	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 06:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 06:46	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 06:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 06:46	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 06:46	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-20

Lab Sample ID: 480-196593-26

Date Collected: 04/06/22 08:36

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 06:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 06:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 06:46	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 06:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 06:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 06:46	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 06:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 06:46	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 06:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 06:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 06:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					04/12/22 06:46	1
4-Bromofluorobenzene (Surr)	94		73 - 120					04/12/22 06:46	1
Toluene-d8 (Surr)	97		80 - 120					04/12/22 06:46	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/13/22 16:06	04/14/22 04:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/13/22 16:06	04/14/22 04:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:36	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:36	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:36	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:36	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:36	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 04:36	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		19 - 120				04/14/22 09:02	04/15/22 04:36	1
Tetrachloro-m-xylene	75		39 - 121				04/14/22 09:02	04/15/22 04:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			04/17/22 00:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29				SU			04/06/22 08:36	1
Field Conductivity	1732				umhos/cm			04/06/22 08:36	1
Field Temperature	14.0				Degrees C			04/06/22 08:36	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-14

Date Collected: 04/06/22 09:57

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-27

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 07:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 07:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 07:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 07:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 07:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 07:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 07:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 07:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 07:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 07:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 07:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 07:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 07:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 07:09	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 07:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 07:09	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 07:09	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 07:09	1
Acetone	ND		10	3.0	ug/L			04/12/22 07:09	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 07:09	1
Acrolein	ND		20	0.91	ug/L			04/12/22 07:09	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 07:09	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 07:09	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 07:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 07:09	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 07:09	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 07:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 07:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 07:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 07:09	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 07:09	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 07:09	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 07:09	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 07:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 07:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 07:09	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 07:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 07:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 07:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 07:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 07:09	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 07:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 07:09	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 07:09	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 07:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 07:09	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 07:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 07:09	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 07:09	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-14

Lab Sample ID: 480-196593-27

Date Collected: 04/06/22 09:57

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 07:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 07:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 07:09	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 07:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 07:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 07:09	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 07:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 07:09	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 07:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 07:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 07:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					04/12/22 07:09	1
4-Bromofluorobenzene (Surr)	95		73 - 120					04/12/22 07:09	1
Toluene-d8 (Surr)	98		80 - 120					04/12/22 07:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 16:06	04/14/22 05:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 16:06	04/14/22 05:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:49	1
PCB-1221	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:49	1
PCB-1232	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:49	1
PCB-1242	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:49	1
PCB-1248	ND		0.50	0.18	ug/L		04/14/22 09:02	04/15/22 04:49	1
PCB-1254	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 04:49	1
PCB-1260	ND		0.50	0.25	ug/L		04/14/22 09:02	04/15/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		19 - 120				04/14/22 09:02	04/15/22 04:49	1
Tetrachloro-m-xylene	80		39 - 121				04/14/22 09:02	04/15/22 04:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			04/17/22 01:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19				SU			04/06/22 09:57	1
Field Conductivity	901				umhos/cm			04/06/22 09:57	1
Field Temperature	14.0				Degrees C			04/06/22 09:57	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-196593-28

Date Collected: 04/05/22 00:00

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 07:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 07:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 07:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 07:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 07:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 07:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 07:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 07:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 07:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 07:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 07:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 07:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 07:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 07:32	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 07:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 07:32	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 07:32	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 07:32	1
Acetone	ND		10	3.0	ug/L			04/12/22 07:32	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 07:32	1
Acrolein	ND		20	0.91	ug/L			04/12/22 07:32	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 07:32	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 07:32	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 07:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 07:32	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 07:32	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 07:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 07:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 07:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 07:32	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 07:32	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 07:32	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 07:32	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 07:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 07:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 07:32	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 07:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 07:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 07:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 07:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 07:32	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 07:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 07:32	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 07:32	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 07:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 07:32	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 07:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 07:32	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 07:32	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: TRIP BLANK

Date Collected: 04/05/22 00:00
 Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-28

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 07:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 07:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 07:32	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 07:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 07:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 07:32	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 07:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 07:32	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 07:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 07:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		04/12/22 07:32	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/12/22 07:32	1
Toluene-d8 (Surr)	97		80 - 120		04/12/22 07:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 14:14	04/11/22 22:17	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/11/22 14:14	04/11/22 22:17	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: TRIP BLANK

Date Collected: 04/06/22 00:00

Lab Sample ID: 480-196593-29

Matrix: Water

Date Received: 04/08/22 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 07:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 07:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 07:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 07:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 07:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 07:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 07:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 07:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 07:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 07:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 07:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 07:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 07:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 07:55	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 07:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 07:55	1
2-Hexanone	ND	**+	10	1.2	ug/L			04/12/22 07:55	1
4-Methyl-2-pentanone (MIBK)	ND	**+	10	2.1	ug/L			04/12/22 07:55	1
Acetone	ND		10	3.0	ug/L			04/12/22 07:55	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 07:55	1
Acrolein	ND		20	0.91	ug/L			04/12/22 07:55	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 07:55	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 07:55	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 07:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 07:55	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 07:55	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 07:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 07:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 07:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 07:55	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 07:55	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 07:55	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 07:55	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 07:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 07:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 07:55	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 07:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 07:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 07:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 07:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 07:55	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 07:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 07:55	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 07:55	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 07:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 07:55	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 07:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 07:55	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 07:55	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: TRIP BLANK

Date Collected: 04/06/22 00:00
 Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-29

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 07:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 07:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 07:55	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 07:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 07:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 07:55	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 07:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 07:55	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 07:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 07:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 07:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		04/12/22 07:55	1
4-Bromofluorobenzene (Surr)	94		73 - 120		04/12/22 07:55	1
Toluene-d8 (Surr)	96		80 - 120		04/12/22 07:55	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/13/22 13:31	04/13/22 21:02	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/13/22 13:31	04/13/22 21:02	1

Surrogate Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-196588-1	LD-1	110	98	104
480-196588-2	LD-2	109	96	102
480-196588-3	LD-3	109	99	102
480-196588-4	LD-4	110	98	101
480-196590-1	C-6	113	96	98
480-196590-2	C-12	107	92	98
480-196590-3	C-10	104	98	99
480-196590-4	C-2	105	97	101
480-196590-5	C-9	108	96	97
480-196593-1	U-18	111	99	98
480-196593-2	U-16	111	99	99
480-196593-3	U-15	108	93	98
480-196593-4	U-17	104	96	102
480-196593-5	U-22A	105	104	101
480-196593-6	U-21A	99	103	99
480-196593-7	U-21	98	99	96
480-196593-8	DUP-TSCA 1	100	100	100
480-196593-9	U-22	100	104	100
480-196593-10	U-23	101	104	100
480-196593-11	U-24	103	102	100
480-196593-12	U-26	101	106	101
480-196593-13	FIELD BLANK TSCA	102	103	101
480-196593-14	U-5	104	98	99
480-196593-15	U-6	110	98	97
480-196593-15MS	U-6	108	98	98
480-196593-15MSD	U-6	106	98	97
480-196593-16	U-10	106	94	92
480-196593-17	DUP TSCA 2	108	97	98
480-196593-18	U-4	112	99	99
480-196593-19	DUP TSCA 3	112	94	96
480-196593-20	U-3	109	97	96
480-196593-21	U-13	110	94	96
480-196593-22	U-25	106	96	97
480-196593-23	U-11	109	98	96
480-196593-24	U-12	107	100	99
480-196593-25	U-19	112	94	97
480-196593-26	U-20	108	94	97
480-196593-27	U-14	109	95	98
480-196593-28	TRIP BLANK	108	97	97
480-196593-29	TRIP BLANK	105	94	96
LCS 480-621195/5	Lab Control Sample	106	100	99
LCS 480-621199/5	Lab Control Sample	96	100	100
LCS 480-621252/6	Lab Control Sample	107	98	100
LCS 480-621365/5	Lab Control Sample	100	102	102
LCSD 480-621195/6	Lab Control Sample Dup	107	95	99
MB 480-621195/8	Method Blank	106	98	99
MB 480-621199/7	Method Blank	99	105	98
MB 480-621252/8	Method Blank	107	97	98
MB 480-621365/7	Method Blank	100	102	101

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (19-120)	TCX1 (39-121)									
480-196588-1	LD-1	49	68									
480-196588-2	LD-2	49	64									
480-196588-3	LD-3	50	73									
480-196588-4	LD-4	40	61									
480-196590-1	C-6	40	86									
480-196590-2	C-12	39	92									
480-196590-3	C-10	32	79									
480-196590-4	C-2	34	86									
480-196590-5	C-9	35	89									
480-196593-1	U-18	43	84									
480-196593-2	U-16	56	80									
480-196593-3	U-15	39	82									
480-196593-4	U-17	54	88									
480-196593-5	U-22A	51	88									
480-196593-6	U-21A	47	90									
480-196593-7	U-21	48	85									
480-196593-8	DUP-TSCA 1	54	87									
480-196593-9	U-22	39	89									
480-196593-10	U-23	45	88									
480-196593-11	U-24	47	84									
480-196593-12	U-26	44	89									
480-196593-13	FIELD BLANK TSCA	53	89									
LCS 480-621599/2-A	Lab Control Sample	44	71									
LCS 480-621663/2-A	Lab Control Sample	32	70									
LCSD 480-621599/3-A	Lab Control Sample Dup	71	94									
MB 480-621599/1-A	Method Blank	55	64									
MB 480-621663/1-A	Method Blank	41	75									

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP2 (19-120)	TCX2 (39-121)									
480-196593-14	U-5	87	80									
480-196593-15	U-6	76	76									
480-196593-15MS	U-6	50	80									
480-196593-15MSD	U-6	51	77									
480-196593-16	U-10	95	93									
480-196593-17	DUP TSCA 2	91	83									
480-196593-18	U-4	92	82									
480-196593-19	DUP TSCA 3	92	72									

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCBP2 (19-120)	TCX2 (39-121)	
480-196593-20	U-3	81	81	
480-196593-21	U-13	75	73	
480-196593-22	U-25	97	86	
480-196593-23	U-11	89	86	
480-196593-24	U-12	90	79	
480-196593-25	U-19	92	83	
480-196593-26	U-20	102	75	
480-196593-27	U-14	105	80	
LCS 480-621691/2-A	Lab Control Sample	50	74	
MB 480-621691/1-A	Method Blank	56	68	

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-621195/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/11/22 13:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/11/22 13:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/11/22 13:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/11/22 13:42	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/11/22 13:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/11/22 13:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/11/22 13:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/11/22 13:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/11/22 13:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/11/22 13:42	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/11/22 13:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/11/22 13:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/11/22 13:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/11/22 13:42	1
1,4-Dioxane	ND		40	9.3	ug/L			04/11/22 13:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/11/22 13:42	1
2-Hexanone	ND		10	1.2	ug/L			04/11/22 13:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/11/22 13:42	1
Acetone	ND		10	3.0	ug/L			04/11/22 13:42	1
Acetonitrile	ND		170	4.9	ug/L			04/11/22 13:42	1
Acrolein	ND		20	0.91	ug/L			04/11/22 13:42	1
Acrylonitrile	ND		20	0.83	ug/L			04/11/22 13:42	1
Allyl chloride	ND		2.0	0.44	ug/L			04/11/22 13:42	1
Benzene	ND		2.0	0.41	ug/L			04/11/22 13:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/11/22 13:42	1
Bromoform	ND		2.0	0.26	ug/L			04/11/22 13:42	1
Bromomethane	ND		2.0	0.69	ug/L			04/11/22 13:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/11/22 13:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/11/22 13:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/11/22 13:42	1
Chloroethane	ND		2.0	0.32	ug/L			04/11/22 13:42	1
Chloroform	ND		2.0	0.34	ug/L			04/11/22 13:42	1
Chloromethane	ND		2.0	0.35	ug/L			04/11/22 13:42	1
Chloroprene	ND		1.0	0.49	ug/L			04/11/22 13:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/11/22 13:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/11/22 13:42	1
Dibromomethane	ND		2.0	0.41	ug/L			04/11/22 13:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/11/22 13:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/11/22 13:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/11/22 13:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/11/22 13:42	1
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 13:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 13:42	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 13:42	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 13:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 13:42	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 13:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 13:42	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-621195/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621195

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Propionitrile	ND				50	5.8	ug/L			04/11/22 13:42	1
Styrene	ND				2.0	0.73	ug/L			04/11/22 13:42	1
Tetrachloroethene	ND				2.0	0.36	ug/L			04/11/22 13:42	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			04/11/22 13:42	1
Toluene	ND				2.0	0.51	ug/L			04/11/22 13:42	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			04/11/22 13:42	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			04/11/22 13:42	1
Trichloroethene	ND				2.0	0.46	ug/L			04/11/22 13:42	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			04/11/22 13:42	1
Vinyl acetate	ND				10	0.85	ug/L			04/11/22 13:42	1
Vinyl chloride	ND				1.0	0.90	ug/L			04/11/22 13:42	1
Xylenes, Total	ND				3.0	0.66	ug/L			04/11/22 13:42	1
Surrogate		MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)		106				77 - 120					
4-Bromofluorobenzene (Surr)		98				73 - 120					
Toluene-d8 (Surr)		99				80 - 120					

Lab Sample ID: LCS 480-621195/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621195

Analyte	Spike Added	LC S	LC S	Result	Qualifier	Unit	D	%Rec	Limits		
		LC	S								
1,1-Dichloroethene	25.0		22.8			ug/L		91	66 - 127		
Benzene	25.0		24.4			ug/L		97	71 - 124		
Chlorobenzene	25.0		25.1			ug/L		100	80 - 120		
Toluene	25.0		24.6			ug/L		98	80 - 122		
Trichloroethene	25.0		25.5			ug/L		102	74 - 123		
Surrogate		LC S	LC S	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)		106				77 - 120					
4-Bromofluorobenzene (Surr)		100				73 - 120					
Toluene-d8 (Surr)		99				80 - 120					

Lab Sample ID: LCSD 480-621195/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621195

Analyte	Spike Added	LC SD	LC SD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
		LC	S								
1,1-Dichloroethene	25.0		22.2			ug/L		89	66 - 127	3	16
Benzene	25.0		23.9			ug/L		96	71 - 124	2	13
Chlorobenzene	25.0		24.0			ug/L		96	80 - 120	5	25
Toluene	25.0		24.3			ug/L		97	80 - 122	1	15
Trichloroethene	25.0		25.0			ug/L		100	74 - 123	2	16
Surrogate		LC SD	LC SD	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)		107				77 - 120					
4-Bromofluorobenzene (Surr)		95				73 - 120					

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-621195/6

Matrix: Water

Analysis Batch: 621195

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Lab Sample ID: MB 480-621199/7

Matrix: Water

Analysis Batch: 621199

Analyte	MB	MB			D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL	MDL	Unit			
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L		04/11/22 12:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L		04/11/22 12:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L		04/11/22 12:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L		04/11/22 12:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L		04/11/22 12:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L		04/11/22 12:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L		04/11/22 12:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L		04/11/22 12:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L		04/11/22 12:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L		04/11/22 12:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L		04/11/22 12:44	1
1,2-Dichloropropene	ND		2.0	0.72	ug/L		04/11/22 12:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L		04/11/22 12:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L		04/11/22 12:44	1
1,4-Dioxane	ND		40	9.3	ug/L		04/11/22 12:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L		04/11/22 12:44	1
2-Hexanone	ND		10	1.2	ug/L		04/11/22 12:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L		04/11/22 12:44	1
Acetone	ND		10	3.0	ug/L		04/11/22 12:44	1
Acetonitrile	ND		170	4.9	ug/L		04/11/22 12:44	1
Acrolein	ND		20	0.91	ug/L		04/11/22 12:44	1
Acrylonitrile	ND		20	0.83	ug/L		04/11/22 12:44	1
Allyl chloride	ND		2.0	0.44	ug/L		04/11/22 12:44	1
Benzene	ND		2.0	0.41	ug/L		04/11/22 12:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L		04/11/22 12:44	1
Bromoform	ND		2.0	0.26	ug/L		04/11/22 12:44	1
Bromomethane	ND		2.0	0.69	ug/L		04/11/22 12:44	1
Carbon disulfide	ND		2.0	0.19	ug/L		04/11/22 12:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L		04/11/22 12:44	1
Chlorobenzene	ND		2.0	0.75	ug/L		04/11/22 12:44	1
Chloroethane	ND		2.0	0.32	ug/L		04/11/22 12:44	1
Chloroform	ND		2.0	0.34	ug/L		04/11/22 12:44	1
Chloromethane	ND		2.0	0.35	ug/L		04/11/22 12:44	1
Chloroprene	ND		1.0	0.49	ug/L		04/11/22 12:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L		04/11/22 12:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L		04/11/22 12:44	1
Dibromomethane	ND		2.0	0.41	ug/L		04/11/22 12:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L		04/11/22 12:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L		04/11/22 12:44	1
Ethylbenzene	ND		2.0	0.74	ug/L		04/11/22 12:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L		04/11/22 12:44	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-621199/7

Matrix: Water

Analysis Batch: 621199

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Iodomethane	ND		2.0	0.30	ug/L			04/11/22 12:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/11/22 12:44	1
Methacrylonitrile	ND		10	0.69	ug/L			04/11/22 12:44	1
Methyl methacrylate	ND		10	0.61	ug/L			04/11/22 12:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/11/22 12:44	1
Naphthalene	ND		1.0	0.43	ug/L			04/11/22 12:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/11/22 12:44	1
Propionitrile	ND		50	5.8	ug/L			04/11/22 12:44	1
Styrene	ND		2.0	0.73	ug/L			04/11/22 12:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/11/22 12:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/11/22 12:44	1
Toluene	ND		2.0	0.51	ug/L			04/11/22 12:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/11/22 12:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/11/22 12:44	1
Trichloroethene	ND		2.0	0.46	ug/L			04/11/22 12:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/11/22 12:44	1
Vinyl acetate	ND		10	0.85	ug/L			04/11/22 12:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/11/22 12:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/11/22 12:44	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		04/11/22 12:44	1
4-Bromofluorobenzene (Surr)	105		73 - 120		04/11/22 12:44	1
Toluene-d8 (Surr)	98		80 - 120		04/11/22 12:44	1

Lab Sample ID: LCS 480-621199/5

Matrix: Water

Analysis Batch: 621199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added							
1,1-Dichloroethene	25.0		26.8		ug/L		107	66 - 127
Benzene	25.0		25.2		ug/L		101	71 - 124
Chlorobenzene	25.0		25.3		ug/L		101	80 - 120
Toluene	25.0		25.2		ug/L		101	80 - 122
Trichloroethene	25.0		24.0		ug/L		96	74 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 480-621252/8

Matrix: Water

Analysis Batch: 621252

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 01:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 01:24	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-621252/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621252

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
1,1,2,2-Tetrachloroethane	ND	ND			2.0	0.21	ug/L			04/12/22 01:24	1
1,1,2-Trichloroethane	ND	ND			2.0	0.23	ug/L			04/12/22 01:24	1
1,1-Dichloroethane	ND	ND			2.0	0.38	ug/L			04/12/22 01:24	1
1,1-Dichloroethene	ND	ND			2.0	0.29	ug/L			04/12/22 01:24	1
1,2,3-Trichloropropane	ND	ND			2.0	0.89	ug/L			04/12/22 01:24	1
1,2,4-Trichlorobenzene	ND	ND			1.0	0.41	ug/L			04/12/22 01:24	1
1,2-Dichlorobenzene	ND	ND			1.0	0.79	ug/L			04/12/22 01:24	1
1,2-Dichloroethane	ND	ND			2.0	0.21	ug/L			04/12/22 01:24	1
1,2-Dichloroethene, Total	ND	ND			2.0	0.81	ug/L			04/12/22 01:24	1
1,2-Dichloropropane	ND	ND			2.0	0.72	ug/L			04/12/22 01:24	1
1,3-Dichlorobenzene	ND	ND			1.0	0.78	ug/L			04/12/22 01:24	1
1,4-Dichlorobenzene	ND	ND			1.0	0.84	ug/L			04/12/22 01:24	1
1,4-Dioxane	ND	ND			40	9.3	ug/L			04/12/22 01:24	1
2-Butanone (MEK)	ND	ND			10	1.3	ug/L			04/12/22 01:24	1
2-Hexanone	ND	ND			10	1.2	ug/L			04/12/22 01:24	1
4-Methyl-2-pentanone (MIBK)	ND	ND			10	2.1	ug/L			04/12/22 01:24	1
Acetone	ND	ND			10	3.0	ug/L			04/12/22 01:24	1
Acetonitrile	ND	ND			170	4.9	ug/L			04/12/22 01:24	1
Acrolein	ND	ND			20	0.91	ug/L			04/12/22 01:24	1
Acrylonitrile	ND	ND			20	0.83	ug/L			04/12/22 01:24	1
Allyl chloride	ND	ND			2.0	0.44	ug/L			04/12/22 01:24	1
Benzene	ND	ND			2.0	0.41	ug/L			04/12/22 01:24	1
Bromodichloromethane	ND	ND			2.0	0.39	ug/L			04/12/22 01:24	1
Bromoform	ND	ND			2.0	0.26	ug/L			04/12/22 01:24	1
Bromomethane	ND	ND			2.0	0.69	ug/L			04/12/22 01:24	1
Carbon disulfide	ND	ND			2.0	0.19	ug/L			04/12/22 01:24	1
Carbon tetrachloride	ND	ND			2.0	0.27	ug/L			04/12/22 01:24	1
Chlorobenzene	ND	ND			2.0	0.75	ug/L			04/12/22 01:24	1
Chloroethane	ND	ND			2.0	0.32	ug/L			04/12/22 01:24	1
Chloroform	ND	ND			2.0	0.34	ug/L			04/12/22 01:24	1
Chloromethane	ND	ND			2.0	0.35	ug/L			04/12/22 01:24	1
Chloroprene	ND	ND			1.0	0.49	ug/L			04/12/22 01:24	1
cis-1,3-Dichloropropene	ND	ND			2.0	0.36	ug/L			04/12/22 01:24	1
Dibromochloromethane	ND	ND			2.0	0.32	ug/L			04/12/22 01:24	1
Dibromomethane	ND	ND			2.0	0.41	ug/L			04/12/22 01:24	1
Dichlorodifluoromethane	ND	ND			2.0	0.68	ug/L			04/12/22 01:24	1
Ethyl methacrylate	ND	ND			2.0	0.59	ug/L			04/12/22 01:24	1
Ethylbenzene	ND	ND			2.0	0.74	ug/L			04/12/22 01:24	1
Hexachlorobutadiene	ND	ND			1.0	0.28	ug/L			04/12/22 01:24	1
Iodomethane	ND	ND			2.0	0.30	ug/L			04/12/22 01:24	1
Isobutyl alcohol	ND	ND			1000	4.8	ug/L			04/12/22 01:24	1
Methacrylonitrile	ND	ND			10	0.69	ug/L			04/12/22 01:24	1
Methyl methacrylate	ND	ND			10	0.61	ug/L			04/12/22 01:24	1
Methylene Chloride	ND	ND			2.0	0.44	ug/L			04/12/22 01:24	1
Naphthalene	ND	ND			1.0	0.43	ug/L			04/12/22 01:24	1
Pentachloroethane	ND	ND			1.0	0.34	ug/L			04/12/22 01:24	1
Propionitrile	ND	ND			50	5.8	ug/L			04/12/22 01:24	1
Styrene	ND	ND			2.0	0.73	ug/L			04/12/22 01:24	1
Tetrachloroethene	ND	ND			2.0	0.36	ug/L			04/12/22 01:24	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-621252/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621252

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 01:24	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 01:24	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 01:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 01:24	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 01:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 01:24	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 01:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 01:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 01:24	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		04/12/22 01:24	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/12/22 01:24	1
Toluene-d8 (Surr)	98		80 - 120		04/12/22 01:24	1

Lab Sample ID: LCS 480-621252/6

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 621252

Analyte	Spike		Unit	D	%Rec	Limits
	Added	Result				
1,1-Dichloroethene	25.0	24.3	ug/L		97	66 - 127
Benzene	25.0	25.2	ug/L		101	71 - 124
Chlorobenzene	25.0	25.1	ug/L		100	80 - 120
Toluene	25.0	26.1	ug/L		105	80 - 122
Trichloroethene	25.0	25.8	ug/L		103	74 - 123

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 480-196593-15MS

Client Sample ID: U-6
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 621252

Analyte	Sample Result	Sample Qualifier	Spike		MS Result	MS Qualifier	Unit	D	%Rec	Limits
			Added	Result						
1,1-Dichloroethene	ND		25.0	24.9	ug/L		100		66 - 127	
Benzene	ND		25.0	27.1	ug/L		108		71 - 124	
Chlorobenzene	ND		25.0	27.1	ug/L		108		80 - 120	
Toluene	ND		25.0	26.9	ug/L		107		80 - 122	
Trichloroethene	ND		25.0	27.2	ug/L		109		74 - 123	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	98		80 - 120

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-196593-15MSD

Matrix: Water

Analysis Batch: 621252

Client Sample ID: U-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD RPD	RPD Limit
1,1-Dichloroethene	ND		25.0	25.1		ug/L		100	66 - 127	1	16
Benzene	ND		25.0	27.3		ug/L		109	71 - 124	1	13
Chlorobenzene	ND		25.0	27.7		ug/L		111	80 - 120	2	25
Toluene	ND		25.0	27.9		ug/L		112	80 - 122	4	15
Trichloroethene	ND		25.0	28.0		ug/L		112	74 - 123	3	16
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Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
1,1,2-Dichloroethane-d4 (Surr)	106		77 - 120								
4-Bromofluorobenzene (Surr)	98		73 - 120								
Toluene-d8 (Surr)	97		80 - 120								

Lab Sample ID: MB 480-621365/7

Client Sample ID: Method Blank

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 621365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 13:28	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 13:28	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 13:28	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 13:28	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 13:28	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 13:28	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 13:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 13:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 13:28	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 13:28	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 13:28	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 13:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 13:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 13:28	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 13:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 13:28	1
2-Hexanone	ND		10	1.2	ug/L			04/12/22 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/12/22 13:28	1
Acetone	ND		10	3.0	ug/L			04/12/22 13:28	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 13:28	1
Acrolein	ND		20	0.91	ug/L			04/12/22 13:28	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 13:28	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 13:28	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 13:28	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 13:28	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 13:28	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 13:28	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 13:28	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 13:28	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 13:28	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 13:28	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 13:28	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-621365/7

Matrix: Water

Analysis Batch: 621365

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Chloromethane	ND				2.0	0.35	ug/L			04/12/22 13:28	1
Chloroprene	ND				1.0	0.49	ug/L			04/12/22 13:28	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			04/12/22 13:28	1
Dibromochloromethane	ND				2.0	0.32	ug/L			04/12/22 13:28	1
Dibromomethane	ND				2.0	0.41	ug/L			04/12/22 13:28	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			04/12/22 13:28	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			04/12/22 13:28	1
Ethylbenzene	ND				2.0	0.74	ug/L			04/12/22 13:28	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			04/12/22 13:28	1
Iodomethane	ND				2.0	0.30	ug/L			04/12/22 13:28	1
Isobutyl alcohol	ND				1000	4.8	ug/L			04/12/22 13:28	1
Methacrylonitrile	ND				10	0.69	ug/L			04/12/22 13:28	1
Methyl methacrylate	ND				10	0.61	ug/L			04/12/22 13:28	1
Methylene Chloride	ND				2.0	0.44	ug/L			04/12/22 13:28	1
Naphthalene	ND				1.0	0.43	ug/L			04/12/22 13:28	1
Pentachloroethane	ND				1.0	0.34	ug/L			04/12/22 13:28	1
Propionitrile	ND				50	5.8	ug/L			04/12/22 13:28	1
Styrene	ND				2.0	0.73	ug/L			04/12/22 13:28	1
Tetrachloroethene	ND				2.0	0.36	ug/L			04/12/22 13:28	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			04/12/22 13:28	1
Toluene	ND				2.0	0.51	ug/L			04/12/22 13:28	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			04/12/22 13:28	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			04/12/22 13:28	1
Trichloroethene	ND				2.0	0.46	ug/L			04/12/22 13:28	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			04/12/22 13:28	1
Vinyl acetate	ND				10	0.85	ug/L			04/12/22 13:28	1
Vinyl chloride	ND				1.0	0.90	ug/L			04/12/22 13:28	1
Xylenes, Total	ND				3.0	0.66	ug/L			04/12/22 13:28	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	100		77 - 120				04/12/22 13:28	1
4-Bromofluorobenzene (Surr)	102		73 - 120				04/12/22 13:28	1
Toluene-d8 (Surr)	101		80 - 120				04/12/22 13:28	1

Lab Sample ID: LCS 480-621365/5

Matrix: Water

Analysis Batch: 621365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spikes	LCS	LCS	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Added	Result	Qualifier								
1,1-Dichloroethene		25.0	23.6				ug/L		94	66 - 127	
Benzene		25.0	25.0				ug/L		100	71 - 124	
Chlorobenzene		25.0	24.1				ug/L		97	80 - 120	
Toluene		25.0	24.3				ug/L		97	80 - 122	
Trichloroethene		25.0	23.9				ug/L		96	74 - 123	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Result	Qualifier			
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		
4-Bromofluorobenzene (Surr)	102		73 - 120		

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QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-621365/5

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 621365

Surrogate	LCS	LCS
	%Recovery	Qualifier
Toluene-d8 (Surr)	102	80 - 120

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-621248/1-A

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621248

Matrix: Water

Analysis Batch: 621256

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND				0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 18:14	1
1,2-Dibromo-3-Chloropropane	ND				0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 18:14	1

Lab Sample ID: LCS 480-621248/2-A

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621248

Matrix: Water

Analysis Batch: 621256

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limts
	Added								
1,2-Dibromoethane	0.0649			0.0773		ug/L		119	46 - 150
1,2-Dibromo-3-Chloropropane	0.0649			0.0692		ug/L		107	43 - 150

Lab Sample ID: LCSD 480-621248/3-A

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 621248

Matrix: Water

Analysis Batch: 621256

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	RPD	Limit
	Added									
1,2-Dibromoethane	0.0665			0.0767		ug/L		115	46 - 150	1
1,2-Dibromo-3-Chloropropane	0.0665			0.0694		ug/L		104	43 - 150	0

Lab Sample ID: MB 480-621412/1-A

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621412

Matrix: Water

Analysis Batch: 621434

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND				0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 16:51	1
1,2-Dibromo-3-Chloropropane	ND				0.011	0.0058	ug/L		04/12/22 14:14	04/12/22 16:51	1

Lab Sample ID: LCS 480-621412/2-A

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621412

Matrix: Water

Analysis Batch: 621434

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limts
	Added								
1,2-Dibromoethane	0.0658			0.0654		ug/L		99	46 - 150
1,2-Dibromo-3-Chloropropane	0.0658			0.0598		ug/L		91	43 - 150

Lab Sample ID: LCSD 480-621412/3-A

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 621412

Matrix: Water

Analysis Batch: 621434

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	RPD	Limit
	Added									
1,2-Dibromoethane	0.0654			0.0793		ug/L		121	46 - 150	19

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCSD 480-621412/3-A

Matrix: Water

Analysis Batch: 621434

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 621412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit ug/L	D	%Rec Limits	RPD	RPD Limit
1,2-Dibromo-3-Chloropropane	0.0654	0.0692			106	43 - 150	15	40

Lab Sample ID: MB 480-621568/1-A

Matrix: Water

Analysis Batch: 621579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 621568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit ug/L	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076		04/13/22 13:31	04/13/22 15:59		1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L	04/13/22 13:31	04/13/22 15:59		1

Lab Sample ID: LCS 480-621568/2-A

Matrix: Water

Analysis Batch: 621579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 621568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit ug/L	D	%Rec Limits
1,2-Dibromoethane	0.0654	0.0767		ug/L	117	46 - 150
1,2-Dibromo-3-Chloropropane	0.0654	0.0724		ug/L	111	43 - 150

Lab Sample ID: LCSD 480-621568/3-A

Matrix: Water

Analysis Batch: 621579

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 621568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit ug/L	D	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.0656	0.0606		ug/L	92	46 - 150	23	40
1,2-Dibromo-3-Chloropropane	0.0656	0.0560		ug/L	85	43 - 150	26	40

Lab Sample ID: MB 480-621615/1-A

Matrix: Water

Analysis Batch: 621579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 621615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit ug/L	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L	04/13/22 16:06	04/13/22 21:23		1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L	04/13/22 16:06	04/13/22 21:23		1

Lab Sample ID: LCS 480-621615/2-A

Matrix: Water

Analysis Batch: 621579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 621615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit ug/L	D	%Rec Limits
1,2-Dibromoethane	0.0663	0.0616		ug/L	93	46 - 150
1,2-Dibromo-3-Chloropropane	0.0663	0.0585		ug/L	88	43 - 150

Lab Sample ID: 480-196593-15MS

Matrix: Water

Analysis Batch: 621579

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 621615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit ug/L	D	%Rec Limits
1,2-Dibromoethane	ND		0.0654	0.0619		ug/L	95	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.0654	0.0621		ug/L	95	42 - 150

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: 480-196593-15MSD

Matrix: Water

Analysis Batch: 621579

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 621615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD RPD	RPD Limit
1,2-Dibromoethane	ND		0.0650	0.0587		ug/L		90	41 - 150	5	40
1,2-Dibromo-3-Chloropropane	ND		0.0650	0.0548		ug/L		84	42 - 150	13	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-621599/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621822

Prep Batch: 621599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 17:54	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		19 - 120	04/13/22 15:13	04/14/22 17:54	1
Tetrachloro-m-xylene	64		39 - 121	04/13/22 15:13	04/14/22 17:54	1

Lab Sample ID: LCS 480-621599/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621822

Prep Batch: 621599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	4.00	3.25		ug/L		81	62 - 130
PCB-1260	4.00	3.24		ug/L		81	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
DCB Decachlorobiphenyl	44		19 - 120
Tetrachloro-m-xylene	71		39 - 121

Lab Sample ID: LCSD 480-621599/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621822

Prep Batch: 621599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD RPD	RPD Limit
PCB-1016	4.00	3.46		ug/L		87	62 - 130	6	50
PCB-1260	4.00	3.71		ug/L		93	56 - 123	14	50

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	71		19 - 120
Tetrachloro-m-xylene	94		39 - 121

QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-621663/1-A

Matrix: Water

Analysis Batch: 621822

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 621663

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
PCB-1016	ND				0.50	0.18	ug/L		04/14/22 06:29	04/15/22 05:25	1
PCB-1221	ND				0.50	0.18	ug/L		04/14/22 06:29	04/15/22 05:25	1
PCB-1232	ND				0.50	0.18	ug/L		04/14/22 06:29	04/15/22 05:25	1
PCB-1242	ND				0.50	0.18	ug/L		04/14/22 06:29	04/15/22 05:25	1
PCB-1248	ND				0.50	0.18	ug/L		04/14/22 06:29	04/15/22 05:25	1
PCB-1254	ND				0.50	0.25	ug/L		04/14/22 06:29	04/15/22 05:25	1
PCB-1260	ND				0.50	0.25	ug/L		04/14/22 06:29	04/15/22 05:25	1

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	41		19 - 120			04/14/22 06:29	04/15/22 05:25	1
Tetrachloro-m-xylene	75		39 - 121			04/14/22 06:29	04/15/22 05:25	1

Lab Sample ID: LCS 480-621663/2-A

Matrix: Water

Analysis Batch: 621822

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 621663

Analyte	MB	MB	Spike Added	LC	LC	Unit	D	%Rec	Limits	Prepared	Analyzed
	Result	Qualifier		Result	Qualifier						
PCB-1016			4.00	2.97		ug/L		74	62 - 130		
PCB-1260			4.00	3.01		ug/L		75	56 - 123		

Surrogate	LC	LC	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	32		19 - 120					
Tetrachloro-m-xylene	70		39 - 121					

Lab Sample ID: MB 480-621691/1-A

Matrix: Water

Analysis Batch: 621824

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 621691

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	%Rec	Limits	Prepared	Analyzed
	Result	Qualifier										
PCB-1016	ND				0.50	0.18	ug/L		04/14/22 09:02	04/15/22 00:45	1	
PCB-1221	ND				0.50	0.18	ug/L		04/14/22 09:02	04/15/22 00:45	1	
PCB-1232	ND				0.50	0.18	ug/L		04/14/22 09:02	04/15/22 00:45	1	
PCB-1242	ND				0.50	0.18	ug/L		04/14/22 09:02	04/15/22 00:45	1	
PCB-1248	ND				0.50	0.18	ug/L		04/14/22 09:02	04/15/22 00:45	1	
PCB-1254	ND				0.50	0.25	ug/L		04/14/22 09:02	04/15/22 00:45	1	
PCB-1260	ND				0.50	0.25	ug/L		04/14/22 09:02	04/15/22 00:45	1	

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	56		19 - 120			04/14/22 09:02	04/15/22 00:45	1
Tetrachloro-m-xylene	68		39 - 121			04/14/22 09:02	04/15/22 00:45	1

Lab Sample ID: LCS 480-621691/2-A

Matrix: Water

Analysis Batch: 621824

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 621691

Analyte	MB	MB	Spike Added	LC	LC	Unit	D	%Rec	Limits	Prepared	Analyzed
	Result	Qualifier		Result	Qualifier						
PCB-1016			4.00	2.84		ug/L		71	62 - 130		
PCB-1260			4.00	3.13		ug/L		78	56 - 123		

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl			50		19 - 120
Tetrachloro-m-xylene			74		39 - 121

Lab Sample ID: 480-196593-15MS

Client Sample ID: U-6

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621824

Prep Batch: 621691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit ug/L	D	%Rec 68	Limts 28 - 150	%Rec
PCB-1016	ND		4.00	2.73						
PCB-1260	ND		4.00	3.13		ug/L		78	25 - 131	

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	50		19 - 120
Tetrachloro-m-xylene	80		39 - 121

Lab Sample ID: 480-196593-15MSD

Client Sample ID: U-6

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 621824

Prep Batch: 621691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit ug/L	D	%Rec 70	Limts 28 - 150	%Rec	RPD
PCB-1016	ND		4.00	2.80							2
PCB-1260	ND		4.00	3.38		ug/L		84	25 - 131		8

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	51		19 - 120
Tetrachloro-m-xylene	77		39 - 121

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID:	Client Sample ID: Method Blank									
Matrix:	Prep Type: Total/NA									
Analysis Batch:	622058									

Analyte	MB Result	MB Qualifier	RL	MDL	Unit mg/L	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/16/22 06:24	1

Lab Sample ID:	Client Sample ID: Method Blank									
Matrix:	Prep Type: Total/NA									
Analysis Batch:	622058									

Analyte	MB Result	MB Qualifier	RL	MDL	Unit mg/L	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/15/22 18:45	1

Lab Sample ID:	Client Sample ID: Method Blank									
Matrix:	Prep Type: Total/NA									
Analysis Batch:	622058									

Analyte	MB Result	MB Qualifier	RL	MDL	Unit mg/L	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/16/22 18:03	1

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QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-622058/29

Matrix: Water

Analysis Batch: 622058

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	55.19		mg/L	92	90 - 110	

Lab Sample ID: LCS 480-622058/5

Matrix: Water

Analysis Batch: 622058

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	56.62		mg/L	94	90 - 110	

Lab Sample ID: LCS 480-622058/53

Matrix: Water

Analysis Batch: 622058

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	54.89		mg/L	91	90 - 110	

Lab Sample ID: 480-196590-2 MS

Matrix: Water

Analysis Batch: 622058

Client Sample ID: C-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	4.6		23.3	32.70		mg/L	121	54 - 131	

Lab Sample ID: 480-196593-8 MS

Matrix: Water

Analysis Batch: 622058

Client Sample ID: DUP-TSCA 1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	2.4		23.3	30.15		mg/L	119	54 - 131	

Lab Sample ID: 480-196593-14 MS

Matrix: Water

Analysis Batch: 622058

Client Sample ID: U-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	3.9		23.3	32.71		mg/L	124	54 - 131	

Lab Sample ID: 480-196593-15MS

Matrix: Water

Analysis Batch: 622058

Client Sample ID: U-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	4.1		23.3	32.63		mg/L	123	54 - 131	

Lab Sample ID: 480-196593-15MSD

Matrix: Water

Analysis Batch: 622058

Client Sample ID: U-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD Limit
Total Organic Carbon	4.1		23.3	32.52		mg/L	122	54 - 131	0	20

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-196593-23 MS

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD	Limit
Total Organic Carbon	2.7		23.3	31.48		mg/L	124	54 - 131		

Lab Sample ID: 480-196593-26 MS

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD	Limit
Total Organic Carbon	2.0		23.3	30.41		mg/L	122	54 - 131		

Lab Sample ID: 480-196590-3 DU

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	7.5			7.56		mg/L			0.7	20

Lab Sample ID: 480-196593-9 DU

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	4.8			4.92		mg/L			2	20

Lab Sample ID: 480-196593-16 DU

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	4.8			4.85		mg/L			0.3	20

Lab Sample ID: 480-196593-24 DU

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	3.0			2.73		mg/L			9	20

Lab Sample ID: 480-196593-27 DU

Matrix: Water

Analysis Batch: 622058

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	2.0			2.06		mg/L			0.6	20

Lab Sample ID: MB 480-622434/28

Matrix: Water

Analysis Batch: 622434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/29/22 05:26	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-622434/4

Matrix: Water

Analysis Batch: 622434

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/28/22 18:14	1

Lab Sample ID: LCS 480-622434/29

Matrix: Water

Analysis Batch: 622434

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	61.48		mg/L		102	90 - 110

Lab Sample ID: LCS 480-622434/5

Matrix: Water

Analysis Batch: 622434

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	61.79		mg/L		103	90 - 110

Lab Sample ID: 480-196588-2 MS

Matrix: Water

Analysis Batch: 622434

Client Sample ID: LD-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	11.6		23.3	38.19		mg/L		114	54 - 131

Lab Sample ID: 480-196588-4 MS

Matrix: Water

Analysis Batch: 622434

Client Sample ID: LD-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	3.4		23.3	32.74		mg/L		126	54 - 131

Lab Sample ID: 480-196588-3 DU

Matrix: Water

Analysis Batch: 622434

Client Sample ID: LD-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU	DU	RPD	Limit
			Result	Qualifier	Unit	D
Total Organic Carbon	3.6		3.66		mg/L	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC/MS VOA

Analysis Batch: 621195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	8260C	1
480-196588-2	LD-2	Total/NA	Water	8260C	2
480-196588-3	LD-3	Total/NA	Water	8260C	3
480-196588-4	LD-4	Total/NA	Water	8260C	4
480-196590-1	C-6	Total/NA	Water	8260C	5
480-196590-2	C-12	Total/NA	Water	8260C	6
480-196590-3	C-10	Total/NA	Water	8260C	7
480-196590-4	C-2	Total/NA	Water	8260C	8
480-196590-5	C-9	Total/NA	Water	8260C	9
480-196593-1	U-18	Total/NA	Water	8260C	10
480-196593-2	U-16	Total/NA	Water	8260C	11
480-196593-3	U-15	Total/NA	Water	8260C	12
480-196593-4	U-17	Total/NA	Water	8260C	13
MB 480-621195/8	Method Blank	Total/NA	Water	8260C	14
LCS 480-621195/5	Lab Control Sample	Total/NA	Water	8260C	15
LCSD 480-621195/6	Lab Control Sample Dup	Total/NA	Water	8260C	16

Analysis Batch: 621199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-6	U-21A	Total/NA	Water	8260C	1
480-196593-7	U-21	Total/NA	Water	8260C	2
480-196593-8	DUP-TSCA 1	Total/NA	Water	8260C	3
480-196593-9	U-22	Total/NA	Water	8260C	4
480-196593-10	U-23	Total/NA	Water	8260C	5
480-196593-11	U-24	Total/NA	Water	8260C	6
480-196593-12	U-26	Total/NA	Water	8260C	7
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	8260C	8
MB 480-621199/7	Method Blank	Total/NA	Water	8260C	9
LCS 480-621199/5	Lab Control Sample	Total/NA	Water	8260C	10

Analysis Batch: 621252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-14	U-5	Total/NA	Water	8260C	1
480-196593-15	U-6	Total/NA	Water	8260C	2
480-196593-16	U-10	Total/NA	Water	8260C	3
480-196593-17	DUP TSCA 2	Total/NA	Water	8260C	4
480-196593-18	U-4	Total/NA	Water	8260C	5
480-196593-19	DUP TSCA 3	Total/NA	Water	8260C	6
480-196593-20	U-3	Total/NA	Water	8260C	7
480-196593-21	U-13	Total/NA	Water	8260C	8
480-196593-22	U-25	Total/NA	Water	8260C	9
480-196593-23	U-11	Total/NA	Water	8260C	10
480-196593-24	U-12	Total/NA	Water	8260C	11
480-196593-25	U-19	Total/NA	Water	8260C	12
480-196593-26	U-20	Total/NA	Water	8260C	13
480-196593-27	U-14	Total/NA	Water	8260C	14
480-196593-28	TRIP BLANK	Total/NA	Water	8260C	15
480-196593-29	TRIP BLANK	Total/NA	Water	8260C	16
MB 480-621252/8	Method Blank	Total/NA	Water	8260C	17
LCS 480-621252/6	Lab Control Sample	Total/NA	Water	8260C	18
480-196593-15MS	U-6	Total/NA	Water	8260C	19

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QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

GC/MS VOA (Continued)

Analysis Batch: 621252 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-15MSD	U-6	Total/NA	Water	8260C	

Analysis Batch: 621365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-5	U-22A	Total/NA	Water	8260C	
MB 480-621365/7	Method Blank	Total/NA	Water	8260C	
LCS 480-621365/5	Lab Control Sample	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 621248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-1	U-18	Total/NA	Water	8011	
480-196593-2	U-16	Total/NA	Water	8011	
480-196593-3	U-15	Total/NA	Water	8011	
480-196593-4	U-17	Total/NA	Water	8011	
480-196593-5	U-22A	Total/NA	Water	8011	
480-196593-6	U-21A	Total/NA	Water	8011	
480-196593-24	U-12	Total/NA	Water	8011	
480-196593-28	TRIP BLANK	Total/NA	Water	8011	
MB 480-621248/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621248/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-621248/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 621256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-1	U-18	Total/NA	Water	8011	621248
480-196593-2	U-16	Total/NA	Water	8011	621248
480-196593-3	U-15	Total/NA	Water	8011	621248
480-196593-4	U-17	Total/NA	Water	8011	621248
480-196593-5	U-22A	Total/NA	Water	8011	621248
480-196593-6	U-21A	Total/NA	Water	8011	621248
480-196593-24	U-12	Total/NA	Water	8011	621248
480-196593-28	TRIP BLANK	Total/NA	Water	8011	621248
MB 480-621248/1-A	Method Blank	Total/NA	Water	8011	621248
LCS 480-621248/2-A	Lab Control Sample	Total/NA	Water	8011	621248
LCSD 480-621248/3-A	Lab Control Sample Dup	Total/NA	Water	8011	621248

Prep Batch: 621412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	8011	
480-196588-2	LD-2	Total/NA	Water	8011	
480-196588-3	LD-3	Total/NA	Water	8011	
480-196588-4	LD-4	Total/NA	Water	8011	
480-196590-1	C-6	Total/NA	Water	8011	
480-196590-2	C-12	Total/NA	Water	8011	
480-196590-3	C-10	Total/NA	Water	8011	
480-196590-4	C-2	Total/NA	Water	8011	
480-196590-5	C-9	Total/NA	Water	8011	
480-196593-7	U-21	Total/NA	Water	8011	
MB 480-621412/1-A	Method Blank	Total/NA	Water	8011	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Prep Batch: 621412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-621412/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-621412/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 621434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	8011	621412
480-196588-2	LD-2	Total/NA	Water	8011	621412
480-196588-3	LD-3	Total/NA	Water	8011	621412
480-196588-4	LD-4	Total/NA	Water	8011	621412
480-196590-1	C-6	Total/NA	Water	8011	621412
480-196590-2	C-12	Total/NA	Water	8011	621412
480-196590-3	C-10	Total/NA	Water	8011	621412
480-196590-4	C-2	Total/NA	Water	8011	621412
480-196590-5	C-9	Total/NA	Water	8011	621412
480-196593-7	U-21	Total/NA	Water	8011	621412
MB 480-621412/1-A	Method Blank	Total/NA	Water	8011	621412
LCS 480-621412/2-A	Lab Control Sample	Total/NA	Water	8011	621412
LCSD 480-621412/3-A	Lab Control Sample Dup	Total/NA	Water	8011	621412

Prep Batch: 621568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-8	DUP-TSCA 1	Total/NA	Water	8011	
480-196593-29	TRIP BLANK	Total/NA	Water	8011	
MB 480-621568/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621568/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-621568/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 621579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-8	DUP-TSCA 1	Total/NA	Water	8011	621568
480-196593-9	U-22	Total/NA	Water	8011	621615
480-196593-10	U-23	Total/NA	Water	8011	621615
480-196593-11	U-24	Total/NA	Water	8011	621615
480-196593-12	U-26	Total/NA	Water	8011	621615
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	8011	621615
480-196593-14	U-5	Total/NA	Water	8011	621615
480-196593-15	U-6	Total/NA	Water	8011	621615
480-196593-16	U-10	Total/NA	Water	8011	621615
480-196593-17	DUP TSCA 2	Total/NA	Water	8011	621615
480-196593-18	U-4	Total/NA	Water	8011	621615
480-196593-19	DUP TSCA 3	Total/NA	Water	8011	621615
480-196593-20	U-3	Total/NA	Water	8011	621615
480-196593-21	U-13	Total/NA	Water	8011	621615
480-196593-22	U-25	Total/NA	Water	8011	621615
480-196593-23	U-11	Total/NA	Water	8011	621615
480-196593-25	U-19	Total/NA	Water	8011	621615
480-196593-26	U-20	Total/NA	Water	8011	621615
480-196593-27	U-14	Total/NA	Water	8011	621615
480-196593-29	TRIP BLANK	Total/NA	Water	8011	621568
MB 480-621568/1-A	Method Blank	Total/NA	Water	8011	621568
MB 480-621615/1-A	Method Blank	Total/NA	Water	8011	621615

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Analysis Batch: 621579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-621568/2-A	Lab Control Sample	Total/NA	Water	8011	621568
LCS 480-621615/2-A	Lab Control Sample	Total/NA	Water	8011	621615
LCSD 480-621568/3-A	Lab Control Sample Dup	Total/NA	Water	8011	621568
480-196593-15MS	U-6	Total/NA	Water	8011	621615
480-196593-15MSD	U-6	Total/NA	Water	8011	621615

Prep Batch: 621599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	3510C	8
480-196588-2	LD-2	Total/NA	Water	3510C	9
480-196588-3	LD-3	Total/NA	Water	3510C	10
480-196588-4	LD-4	Total/NA	Water	3510C	11
MB 480-621599/1-A	Method Blank	Total/NA	Water	3510C	12
LCS 480-621599/2-A	Lab Control Sample	Total/NA	Water	3510C	13
LCSD 480-621599/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	14

Prep Batch: 621615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-9	U-22	Total/NA	Water	8011	13
480-196593-10	U-23	Total/NA	Water	8011	14
480-196593-11	U-24	Total/NA	Water	8011	15
480-196593-12	U-26	Total/NA	Water	8011	16
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	8011	
480-196593-14	U-5	Total/NA	Water	8011	
480-196593-15	U-6	Total/NA	Water	8011	
480-196593-16	U-10	Total/NA	Water	8011	
480-196593-17	DUP TSCA 2	Total/NA	Water	8011	
480-196593-18	U-4	Total/NA	Water	8011	
480-196593-19	DUP TSCA 3	Total/NA	Water	8011	
480-196593-20	U-3	Total/NA	Water	8011	
480-196593-21	U-13	Total/NA	Water	8011	
480-196593-22	U-25	Total/NA	Water	8011	
480-196593-23	U-11	Total/NA	Water	8011	
480-196593-25	U-19	Total/NA	Water	8011	
480-196593-26	U-20	Total/NA	Water	8011	
480-196593-27	U-14	Total/NA	Water	8011	
MB 480-621615/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621615/2-A	Lab Control Sample	Total/NA	Water	8011	
480-196593-15MS	U-6	Total/NA	Water	8011	
480-196593-15MSD	U-6	Total/NA	Water	8011	

Prep Batch: 621663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196590-1	C-6	Total/NA	Water	3510C	
480-196590-2	C-12	Total/NA	Water	3510C	
480-196590-3	C-10	Total/NA	Water	3510C	
480-196590-4	C-2	Total/NA	Water	3510C	
480-196590-5	C-9	Total/NA	Water	3510C	
480-196593-1	U-18	Total/NA	Water	3510C	
480-196593-2	U-16	Total/NA	Water	3510C	
480-196593-3	U-15	Total/NA	Water	3510C	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

GC Semi VOA (Continued)

Prep Batch: 621663 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-4	U-17	Total/NA	Water	3510C	
480-196593-5	U-22A	Total/NA	Water	3510C	
480-196593-6	U-21A	Total/NA	Water	3510C	
480-196593-7	U-21	Total/NA	Water	3510C	
480-196593-8	DUP-TSCA 1	Total/NA	Water	3510C	
480-196593-9	U-22	Total/NA	Water	3510C	
480-196593-10	U-23	Total/NA	Water	3510C	
480-196593-11	U-24	Total/NA	Water	3510C	
480-196593-12	U-26	Total/NA	Water	3510C	
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	3510C	
MB 480-621663/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-621663/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 621691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-14	U-5	Total/NA	Water	3510C	
480-196593-15	U-6	Total/NA	Water	3510C	
480-196593-16	U-10	Total/NA	Water	3510C	
480-196593-17	DUP TSCA 2	Total/NA	Water	3510C	
480-196593-18	U-4	Total/NA	Water	3510C	
480-196593-19	DUP TSCA 3	Total/NA	Water	3510C	
480-196593-20	U-3	Total/NA	Water	3510C	
480-196593-21	U-13	Total/NA	Water	3510C	
480-196593-22	U-25	Total/NA	Water	3510C	
480-196593-23	U-11	Total/NA	Water	3510C	
480-196593-24	U-12	Total/NA	Water	3510C	
480-196593-25	U-19	Total/NA	Water	3510C	
480-196593-26	U-20	Total/NA	Water	3510C	
480-196593-27	U-14	Total/NA	Water	3510C	
MB 480-621691/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-621691/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-196593-15MS	U-6	Total/NA	Water	3510C	
480-196593-15MSD	U-6	Total/NA	Water	3510C	

Analysis Batch: 621822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	8082A	621599
480-196588-2	LD-2	Total/NA	Water	8082A	621599
480-196588-3	LD-3	Total/NA	Water	8082A	621599
480-196588-4	LD-4	Total/NA	Water	8082A	621599
480-196590-1	C-6	Total/NA	Water	8082A	621663
480-196590-2	C-12	Total/NA	Water	8082A	621663
480-196590-3	C-10	Total/NA	Water	8082A	621663
480-196590-4	C-2	Total/NA	Water	8082A	621663
480-196590-5	C-9	Total/NA	Water	8082A	621663
480-196593-1	U-18	Total/NA	Water	8082A	621663
480-196593-2	U-16	Total/NA	Water	8082A	621663
480-196593-3	U-15	Total/NA	Water	8082A	621663
480-196593-4	U-17	Total/NA	Water	8082A	621663
480-196593-5	U-22A	Total/NA	Water	8082A	621663
480-196593-6	U-21A	Total/NA	Water	8082A	621663

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Analysis Batch: 621822 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-7	U-21	Total/NA	Water	8082A	621663
480-196593-8	DUP-TSCA 1	Total/NA	Water	8082A	621663
480-196593-9	U-22	Total/NA	Water	8082A	621663
480-196593-10	U-23	Total/NA	Water	8082A	621663
480-196593-11	U-24	Total/NA	Water	8082A	621663
480-196593-12	U-26	Total/NA	Water	8082A	621663
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	8082A	621663
MB 480-621599/1-A	Method Blank	Total/NA	Water	8082A	621599
MB 480-621663/1-A	Method Blank	Total/NA	Water	8082A	621663
LCS 480-621599/2-A	Lab Control Sample	Total/NA	Water	8082A	621599
LCS 480-621663/2-A	Lab Control Sample	Total/NA	Water	8082A	621663
LCSD 480-621599/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	621599

Analysis Batch: 621824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-14	U-5	Total/NA	Water	8082A	621691
480-196593-15	U-6	Total/NA	Water	8082A	621691
480-196593-16	U-10	Total/NA	Water	8082A	621691
480-196593-17	DUP TSCA 2	Total/NA	Water	8082A	621691
480-196593-18	U-4	Total/NA	Water	8082A	621691
480-196593-19	DUP TSCA 3	Total/NA	Water	8082A	621691
480-196593-20	U-3	Total/NA	Water	8082A	621691
480-196593-21	U-13	Total/NA	Water	8082A	621691
480-196593-22	U-25	Total/NA	Water	8082A	621691
480-196593-23	U-11	Total/NA	Water	8082A	621691
480-196593-24	U-12	Total/NA	Water	8082A	621691
480-196593-25	U-19	Total/NA	Water	8082A	621691
480-196593-26	U-20	Total/NA	Water	8082A	621691
480-196593-27	U-14	Total/NA	Water	8082A	621691
MB 480-621691/1-A	Method Blank	Total/NA	Water	8082A	621691
LCS 480-621691/2-A	Lab Control Sample	Total/NA	Water	8082A	621691
480-196593-15MS	U-6	Total/NA	Water	8082A	621691
480-196593-15MSD	U-6	Total/NA	Water	8082A	621691

General Chemistry

Analysis Batch: 622058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196590-1	C-6	Total/NA	Water	9060A	
480-196590-2	C-12	Total/NA	Water	9060A	
480-196590-3	C-10	Total/NA	Water	9060A	
480-196590-4	C-2	Total/NA	Water	9060A	
480-196590-5	C-9	Total/NA	Water	9060A	
480-196593-1	U-18	Total/NA	Water	9060A	
480-196593-3	U-15	Total/NA	Water	9060A	
480-196593-4	U-17	Total/NA	Water	9060A	
480-196593-5	U-22A	Total/NA	Water	9060A	
480-196593-6	U-21A	Total/NA	Water	9060A	
480-196593-7	U-21	Total/NA	Water	9060A	
480-196593-8	DUP-TSCA 1	Total/NA	Water	9060A	
480-196593-9	U-22	Total/NA	Water	9060A	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

General Chemistry (Continued)

Analysis Batch: 622058 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-10	U-23	Total/NA	Water	9060A	1
480-196593-11	U-24	Total/NA	Water	9060A	2
480-196593-12	U-26	Total/NA	Water	9060A	3
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	9060A	4
480-196593-14	U-5	Total/NA	Water	9060A	5
480-196593-15	U-6	Total/NA	Water	9060A	6
480-196593-16	U-10	Total/NA	Water	9060A	7
480-196593-17	DUP TSCA 2	Total/NA	Water	9060A	8
480-196593-18	U-4	Total/NA	Water	9060A	9
480-196593-19	DUP TSCA 3	Total/NA	Water	9060A	10
480-196593-20	U-3	Total/NA	Water	9060A	11
480-196593-21	U-13	Total/NA	Water	9060A	12
480-196593-22	U-25	Total/NA	Water	9060A	13
480-196593-23	U-11	Total/NA	Water	9060A	14
480-196593-24	U-12	Total/NA	Water	9060A	15
480-196593-25	U-19	Total/NA	Water	9060A	16
480-196593-26	U-20	Total/NA	Water	9060A	17
480-196593-27	U-14	Total/NA	Water	9060A	18
MB 480-622058/28	Method Blank	Total/NA	Water	9060A	19
MB 480-622058/4	Method Blank	Total/NA	Water	9060A	20
MB 480-622058/52	Method Blank	Total/NA	Water	9060A	21
LCS 480-622058/29	Lab Control Sample	Total/NA	Water	9060A	22
LCS 480-622058/5	Lab Control Sample	Total/NA	Water	9060A	23
LCS 480-622058/53	Lab Control Sample	Total/NA	Water	9060A	24
480-196590-2 MS	C-12	Total/NA	Water	9060A	25
480-196593-8 MS	DUP-TSCA 1	Total/NA	Water	9060A	26
480-196593-14 MS	U-5	Total/NA	Water	9060A	27
480-196593-15MS	U-6	Total/NA	Water	9060A	28
480-196593-15MSD	U-6	Total/NA	Water	9060A	29
480-196593-23 MS	U-11	Total/NA	Water	9060A	30
480-196593-26 MS	U-20	Total/NA	Water	9060A	31
480-196590-3 DU	C-10	Total/NA	Water	9060A	32
480-196593-9 DU	U-22	Total/NA	Water	9060A	33
480-196593-16 DU	U-10	Total/NA	Water	9060A	34
480-196593-24 DU	U-12	Total/NA	Water	9060A	35
480-196593-27 DU	U-14	Total/NA	Water	9060A	36

Analysis Batch: 622434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	9060A	1
480-196588-2	LD-2	Total/NA	Water	9060A	2
480-196588-3	LD-3	Total/NA	Water	9060A	3
480-196588-4	LD-4	Total/NA	Water	9060A	4
480-196593-2	U-16	Total/NA	Water	9060A	5
MB 480-622434/28	Method Blank	Total/NA	Water	9060A	6
MB 480-622434/4	Method Blank	Total/NA	Water	9060A	7
LCS 480-622434/29	Lab Control Sample	Total/NA	Water	9060A	8
LCS 480-622434/5	Lab Control Sample	Total/NA	Water	9060A	9
480-196588-2 MS	LD-2	Total/NA	Water	9060A	10
480-196588-4 MS	LD-4	Total/NA	Water	9060A	11
480-196588-3 DU	LD-3	Total/NA	Water	9060A	12

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Field Service / Mobile Lab

Analysis Batch: 621300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196588-1	LD-1	Total/NA	Water	Field Sampling	1
480-196588-2	LD-2	Total/NA	Water	Field Sampling	2
480-196588-3	LD-3	Total/NA	Water	Field Sampling	3
480-196588-4	LD-4	Total/NA	Water	Field Sampling	4
480-196590-1	C-6	Total/NA	Water	Field Sampling	5
480-196590-2	C-12	Total/NA	Water	Field Sampling	6
480-196590-3	C-10	Total/NA	Water	Field Sampling	7
480-196590-4	C-2	Total/NA	Water	Field Sampling	8
480-196590-5	C-9	Total/NA	Water	Field Sampling	9

Analysis Batch: 621475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-1	U-18	Total/NA	Water	Field Sampling	10
480-196593-2	U-16	Total/NA	Water	Field Sampling	11
480-196593-3	U-15	Total/NA	Water	Field Sampling	12
480-196593-4	U-17	Total/NA	Water	Field Sampling	13
480-196593-5	U-22A	Total/NA	Water	Field Sampling	14
480-196593-6	U-21A	Total/NA	Water	Field Sampling	15
480-196593-7	U-21	Total/NA	Water	Field Sampling	16
480-196593-8	DUP-TSCA 1	Total/NA	Water	Field Sampling	
480-196593-9	U-22	Total/NA	Water	Field Sampling	
480-196593-10	U-23	Total/NA	Water	Field Sampling	
480-196593-11	U-24	Total/NA	Water	Field Sampling	
480-196593-12	U-26	Total/NA	Water	Field Sampling	
480-196593-13	FIELD BLANK TSCA	Total/NA	Water	Field Sampling	
480-196593-14	U-5	Total/NA	Water	Field Sampling	
480-196593-15	U-6	Total/NA	Water	Field Sampling	
480-196593-16	U-10	Total/NA	Water	Field Sampling	
480-196593-17	DUP TSCA 2	Total/NA	Water	Field Sampling	
480-196593-18	U-4	Total/NA	Water	Field Sampling	
480-196593-19	DUP TSCA 3	Total/NA	Water	Field Sampling	
480-196593-20	U-3	Total/NA	Water	Field Sampling	
480-196593-21	U-13	Total/NA	Water	Field Sampling	
480-196593-22	U-25	Total/NA	Water	Field Sampling	
480-196593-23	U-11	Total/NA	Water	Field Sampling	
480-196593-24	U-12	Total/NA	Water	Field Sampling	
480-196593-25	U-19	Total/NA	Water	Field Sampling	
480-196593-26	U-20	Total/NA	Water	Field Sampling	
480-196593-27	U-14	Total/NA	Water	Field Sampling	

Analysis Batch: 621781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196593-15MS	U-6	Total/NA	Water	Field Sampling	
480-196593-15MSD	U-6	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: LD-1

Date Collected: 04/05/22 14:16

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 17:18	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 17:51	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 18:34	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622434	04/28/22 19:39	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 14:16	FLD	TAL BUF

Client Sample ID: LD-2

Date Collected: 04/05/22 14:26

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 17:41	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 18:11	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 18:47	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622434	04/28/22 20:35	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 14:26	FLD	TAL BUF

Client Sample ID: LD-3

Date Collected: 04/05/22 16:27

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 18:04	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 18:31	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 19:01	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622434	04/28/22 21:30	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 16:27	FLD	TAL BUF

Client Sample ID: LD-4

Date Collected: 04/05/22 15:52

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 18:27	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 18:51	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 19:14	DSC	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: LD-4

Date Collected: 04/05/22 15:52
 Date Received: 04/07/22 10:00

Lab Sample ID: 480-196588-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622434	04/29/22 00:17	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 15:52	FLD	TAL BUF

Client Sample ID: C-6

Date Collected: 04/05/22 08:05
 Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 18:50	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 19:11	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 06:45	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/15/22 20:13	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 08:05	FLD	TAL BUF

Client Sample ID: C-12

Date Collected: 04/05/22 08:35
 Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 19:13	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 19:31	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 06:58	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/15/22 21:11	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 08:35	FLD	TAL BUF

Client Sample ID: C-10

Date Collected: 04/05/22 08:58
 Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 19:36	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 19:51	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 07:12	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/15/22 22:09	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 08:58	FLD	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: C-2

Date Collected: 04/05/22 09:22

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 19:59	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 20:31	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 07:25	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/15/22 22:38	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 09:22	FLD	TAL BUF

Client Sample ID: C-9

Date Collected: 04/05/22 09:50

Date Received: 04/07/22 10:00

Lab Sample ID: 480-196590-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 20:22	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 20:51	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 07:39	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/15/22 23:07	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/05/22 09:50	FLD	TAL BUF

Client Sample ID: U-18

Date Collected: 04/04/22 14:17

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 20:45	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 19:14	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 07:52	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 02:02	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/04/22 14:17	FLD	TAL BUF

Client Sample ID: U-16

Date Collected: 04/04/22 14:37

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 21:08	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 19:34	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 08:32	DSC	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-16

Date Collected: 04/04/22 14:37

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622434	04/28/22 21:58	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/04/22 14:37	FLD	TAL BUF

Client Sample ID: U-15

Date Collected: 04/04/22 15:52

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 21:31	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 19:54	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 08:45	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 03:01	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/04/22 15:52	FLD	TAL BUF

Client Sample ID: U-17

Date Collected: 04/04/22 16:12

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621195	04/11/22 21:55	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 20:37	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 08:58	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 03:30	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/04/22 16:12	FLD	TAL BUF

Client Sample ID: U-22A

Date Collected: 04/04/22 16:56

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621365	04/12/22 14:11	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 20:57	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 09:12	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 03:59	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/04/22 16:56	FLD	TAL BUF

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-21A

Date Collected: 04/04/22 17:20

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 16:03	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 21:17	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 09:25	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 04:28	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/04/22 17:20	FLD	TAL BUF

Client Sample ID: U-21

Date Collected: 04/05/22 11:16

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 16:26	CRL	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 21:11	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 09:38	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 04:57	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 11:16	FLD	TAL BUF

Client Sample ID: DUP-TSCA 1

Date Collected: 04/05/22 11:16

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 16:51	CRL	TAL BUF
Total/NA	Prep	8011			621568	04/13/22 13:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 20:22	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 09:52	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 07:51	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 11:16	FLD	TAL BUF

Client Sample ID: U-22

Date Collected: 04/05/22 11:42

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 17:15	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 22:03	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 10:05	DSC	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-22

Date Collected: 04/05/22 11:42

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622058	04/16/22 08:50	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 11:42	FLD	TAL BUF

Client Sample ID: U-23

Date Collected: 04/05/22 12:55

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 17:38	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 22:23	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 10:18	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 09:19	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 12:55	FLD	TAL BUF

Client Sample ID: U-24

Date Collected: 04/05/22 13:18

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 18:01	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 22:43	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 10:32	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 09:48	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 13:18	FLD	TAL BUF

Client Sample ID: U-26

Date Collected: 04/05/22 14:55

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 18:24	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 23:03	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 10:45	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 10:18	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 14:55	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: FIELD BLANK TSCA

Date Collected: 04/05/22 17:12

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621199	04/11/22 18:47	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 23:43	DSC	TAL BUF
Total/NA	Prep	3510C			621663	04/14/22 06:29	SMP	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/15/22 10:58	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 10:46	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 17:12	FLD	TAL BUF

Client Sample ID: U-5

Date Collected: 04/06/22 13:35

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 02:10	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 00:03	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 01:49	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 12:42	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 13:35	FLD	TAL BUF

Client Sample ID: U-6

Date Collected: 04/06/22 14:17

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 02:33	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 00:23	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 01:36	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 01:33	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 14:17	FLD	TAL BUF

Client Sample ID: U-10

Date Collected: 04/06/22 09:30

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 02:56	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 01:23	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 02:02	DSC	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-10

Date Collected: 04/06/22 09:30
 Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622058	04/16/22 13:40	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 09:30	FLD	TAL BUF

Client Sample ID: DUP TSCA 2

Date Collected: 04/06/22 09:30
 Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 03:19	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 01:43	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 02:15	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 14:09	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 09:30	FLD	TAL BUF

Client Sample ID: U-4

Date Collected: 04/06/22 11:43
 Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 03:42	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 02:03	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 02:28	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 14:39	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 11:43	FLD	TAL BUF

Client Sample ID: DUP TSCA 3

Date Collected: 04/06/22 11:43
 Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 04:05	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 02:23	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 02:41	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 15:08	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 11:43	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-3

Date Collected: 04/06/22 12:32

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 04:28	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 02:43	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 02:53	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 15:37	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 12:32	FLD	TAL BUF

Client Sample ID: U-13

Date Collected: 04/06/22 15:26

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 04:51	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 03:23	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 03:06	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 16:06	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 15:26	FLD	TAL BUF

Client Sample ID: U-25

Date Collected: 04/05/22 17:17

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 05:14	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 03:43	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 03:19	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 16:36	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 17:17	FLD	TAL BUF

Client Sample ID: U-11

Date Collected: 04/05/22 17:41

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 05:37	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 04:03	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 03:32	DSC	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-11

Date Collected: 04/05/22 17:41

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622058	04/16/22 19:30	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 17:41	FLD	TAL BUF

Client Sample ID: U-12

Date Collected: 04/05/22 18:00

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 06:00	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 21:37	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 03:45	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 20:28	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/05/22 18:00	FLD	TAL BUF

Client Sample ID: U-19

Date Collected: 04/06/22 08:09

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 06:23	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 04:23	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 03:57	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/16/22 20:58	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 08:09	FLD	TAL BUF

Client Sample ID: U-20

Date Collected: 04/06/22 08:36

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 06:46	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 04:43	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 04:36	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/17/22 00:22	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 08:36	FLD	TAL BUF

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-196588-1

Client Sample ID: U-14

Date Collected: 04/06/22 09:57

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 07:09	CRL	TAL BUF
Total/NA	Prep	8011			621615	04/13/22 16:06	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/14/22 05:03	DSC	TAL BUF
Total/NA	Prep	3510C			621691	04/14/22 09:02	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 04:49	DSC	TAL BUF
Total/NA	Analysis	9060A		1	622058	04/17/22 01:21	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621475	04/06/22 09:57	FLD	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 04/05/22 00:00

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 07:32	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 22:17	DSC	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 04/06/22 00:00

Date Received: 04/08/22 10:00

Lab Sample ID: 480-196593-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621252	04/12/22 07:55	CRL	TAL BUF
Total/NA	Prep	8011			621568	04/13/22 13:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621579	04/13/22 21:02	DSC	TAL BUF

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins Buffalo

Accreditation/Certification Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22
Connecticut	State	PH-0568	09-30-22
Florida	NELAP	E87672	06-30-22
Georgia	State	10026 (NY)	04-01-23
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-22 *
Illinois	NELAP	200003	09-30-22
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-22
Kentucky (UST)	State	30	04-01-22 *
Kentucky (WW)	State	KY90029	12-31-22
Louisiana	NELAP	02031	06-30-22
Maine	State	NY00044	12-04-22
Maryland	State	294	03-31-23
Massachusetts	State	M-NY044	06-30-22
Michigan	State	9937	04-01-22 *
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22
New Jersey	NELAP	NY455	06-30-22
New York	NELAP	10026	03-31-23
Oregon	NELAP	NY200003	06-12-22
Pennsylvania	NELAP	68-00281	07-31-22
Rhode Island	State	LAO00328	12-30-22
Tennessee	State	02970	04-01-23
Texas	NELAP	T104704412-18-10	07-31-22
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-22
Washington	State	C784	02-10-23
Wisconsin	State	998310390	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
8011	Microextraction	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-196588-1	LD-1	Water	04/05/22 14:16	04/07/22 10:00	1
480-196588-2	LD-2	Water	04/05/22 14:26	04/07/22 10:00	2
480-196588-3	LD-3	Water	04/05/22 16:27	04/07/22 10:00	3
480-196588-4	LD-4	Water	04/05/22 15:52	04/07/22 10:00	4
480-196590-1	C-6	Water	04/05/22 08:05	04/07/22 10:00	5
480-196590-2	C-12	Water	04/05/22 08:35	04/07/22 10:00	6
480-196590-3	C-10	Water	04/05/22 08:58	04/07/22 10:00	7
480-196590-4	C-2	Water	04/05/22 09:22	04/07/22 10:00	8
480-196590-5	C-9	Water	04/05/22 09:50	04/07/22 10:00	9
480-196593-1	U-18	Water	04/04/22 14:17	04/08/22 10:00	10
480-196593-2	U-16	Water	04/04/22 14:37	04/08/22 10:00	11
480-196593-3	U-15	Water	04/04/22 15:52	04/08/22 10:00	12
480-196593-4	U-17	Water	04/04/22 16:12	04/08/22 10:00	13
480-196593-5	U-22A	Water	04/04/22 16:56	04/08/22 10:00	14
480-196593-6	U-21A	Water	04/04/22 17:20	04/08/22 10:00	15
480-196593-7	U-21	Water	04/05/22 11:16	04/08/22 10:00	16
480-196593-8	DUP-TSCA 1	Water	04/05/22 11:16	04/08/22 10:00	
480-196593-9	U-22	Water	04/05/22 11:42	04/08/22 10:00	
480-196593-10	U-23	Water	04/05/22 12:55	04/08/22 10:00	
480-196593-11	U-24	Water	04/05/22 13:18	04/08/22 10:00	
480-196593-12	U-26	Water	04/05/22 14:55	04/08/22 10:00	
480-196593-13	FIELD BLANK TSCA	Water	04/05/22 17:12	04/08/22 10:00	
480-196593-14	U-5	Water	04/06/22 13:35	04/08/22 10:00	
480-196593-15	U-6	Water	04/06/22 14:17	04/08/22 10:00	
480-196593-16	U-10	Water	04/06/22 09:30	04/08/22 10:00	
480-196593-17	DUP TSCA 2	Water	04/06/22 09:30	04/08/22 10:00	
480-196593-18	U-4	Water	04/06/22 11:43	04/08/22 10:00	
480-196593-19	DUP TSCA 3	Water	04/06/22 11:43	04/08/22 10:00	
480-196593-20	U-3	Water	04/06/22 12:32	04/08/22 10:00	
480-196593-21	U-13	Water	04/06/22 15:26	04/08/22 10:00	
480-196593-22	U-25	Water	04/05/22 17:17	04/08/22 10:00	
480-196593-23	U-11	Water	04/05/22 17:41	04/08/22 10:00	
480-196593-24	U-12	Water	04/05/22 18:00	04/08/22 10:00	
480-196593-25	U-19	Water	04/06/22 08:09	04/08/22 10:00	
480-196593-26	U-20	Water	04/06/22 08:36	04/08/22 10:00	
480-196593-27	U-14	Water	04/06/22 09:57	04/08/22 10:00	
480-196593-28	TRIP BLANK	Water	04/05/22 00:00	04/08/22 10:00	
480-196593-29	TRIP BLANK	Water	04/06/22 00:00	04/08/22 10:00	

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205

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

eurofins Environment Testing America

Client Contact		Project Manager: Mike Gibson Email: mgibson@eagoninc.com		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:	
Eagon & Associates, Inc. 100 W Old Wilson Bridge Rd, Suite 115 Worthington, Ohio 43085 (614) 888-5760 Phone (614) 888-5763 FAX		Site Contact: Andrew Thompson Lab Contact: Brian Fischer		Date: <u>4/6/22</u>	COC No.: <u>4622</u> of <u>1</u> COCs
Project Name: TSCA - Quarterly Sampling Site: CECOS-Aber Rd P.O. #		Analysis Turnaround Time		Carrier: Eurofins-Ciact; TAI c.n.: <u>480-198588</u> Chain of Custody	
		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			
		VOCs (8011) VOCs (8260C) VOCs (9060A) PCBs (8082A)		Sample Specific Notes:	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.
L1D-1	4/5/22	14:16	Grab	G	10 N X X X X
L1D-2	4/5/22	14:26	Grab	G	10 N X X X X
L1D-3	4/5/22	16:17	Grab	G	10 N X X X X
L1D-4	4/5/22	15:52	Grab	G	10 N X X X X
Preservation Used: 1=Ice, 2=HCl; 3=H ₂ SO ₄ ; 4=HNO ₃ ; 5=NaOH; 6=Other					
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					
Special Instructions/QC Requirements & Comments:					
Custody Seals Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.: <u>4622</u>		Cooler Temp. (°C): Obs'd: <u>4</u>	Corr'd: <u>4</u>
Relinquished by: <u>Mike Gibson</u>		Company: Eagon & Associates, Inc.		Received by: <u>Mike Gibson</u>	Therm ID No.: <u>4622</u>
Relinquished by: <u>Mike Gibson</u>		Company: Eurofins		Received by: <u>Mike Gibson</u>	Date/Time: <u>4/6/22</u> / <u>10:00</u>
Relinquished by:		Company:		Received in Laboratory by: <u>Mike Gibson</u>	Date/Time:

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Cincinnati 205

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

Environment Testing
America



Project Contact		Regulatory Program:		<input type="checkbox"/> DW		<input type="checkbox"/> NPDES		<input type="checkbox"/> RCRA		<input checked="" type="checkbox"/> Other:		
Eagon & Associates, Inc. 100 W. Old Wilson Bridge Rd, Suite 115 Worthington, Ohio 43085 (614) 888-5760 (614) 888-5763 Project Name: TSCA - Quarterly Sampling Site: CECCOS-Aber Rd PO #	Client Contact Email: mgibson@eagoninc.com Tel/Fax: (614) 888-5760/5763 Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days	Project Manager: Mike Gibson Site Contact: Andrew Thompson Lab Contact: Brian Fischer Carrier: EAGON - CUSTODY	Date: 4/5/22 Carrier: EAGON - CUSTODY	COC No: 1 of 1 COCs	TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica							
												TALS Project #: Sampler: For Lab Use Only: Walk-in Client:
												Barcode: 480-196590 Chain of Custody
												VOCs (8011) TOC (9060A) PCBs (8082A)
												VOCs (8260C) VOCs (8080C)
Sample Identification		Sample Date	Sample Time	Sample Type (c-comp, g-Grab)	Matrix	# of Cont.	Filtred Sample (Y / N)	Sample Specific Notes				
C-1	4-5-22	08:05	Grab	S	10	N	X X X X					
C-12	4-5-22	08:35	Grab		10	N	X X X X					
C-10	4-5-22	08:58	Grab		10	N	X X X X					
C-2	4-5-22	09:22	Grab		10	N	X X X X					
C-9	4-5-22	09:30	Grab		10	N	X X X X					
Preservation Used: 1= Ice, 2= HCl; 3= H ₂ SO ₄ ; 4=HNO ₃ ; 5=NaOH; 6= Other												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.												
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Poison A <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact:		<input type="checkbox"/> Yes		<input type="checkbox"/> No		Custody Seal No.: Eagon & Associates, Inc.		Cooler Temp. °C:		Obs'd:		Corr'd:
Relinquished by: Andrew D. Crohan						Received by: Eagon & Associates, Inc.		Date/Time: 4/6/22		Company: Eagon & Associates, Inc.		Therm ID No.: 100
Relinquished by: M. J. M.						Received by: Eurofins		Date/Time: 4/6/22 13:00		Company: Eurofins		Date/Time: 4/7/22 1000
Relinquished by: ____						Received in Laboratory by: ____		Date/Time: ____		Company: ____		Date/Time: ____
Archive for _____ Months												
Return to Client Disposal by Lab Archive for _____ Months												
# H 3,2												

Cincinnati 205

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

eurofins Environment Test America

Regulatory Program:

DW NPDES RCRA Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmer

Client Contact		Project Manager: Mike Gibson Email: mgibson@eagoninc.com		Site Contact: Andrew Thompson Lab Contact: Brian Fischer		Date: 4/6/22	Carrier: CVO - C1121	COC No.: 1 of 1 COCs
Eagon & Associates, Inc. 100 W Old Wilson Bridge Rd, Suite 115 Worthington, Ohio 43085 (614) 888-5760 Phone (614) 888-5763 FAX Project Name: TSCA - Quarterly Sampling Site: CECOS-Aber Rd PO #						TALS Project #: D-C1121	Sampler: D-C1121	For Lab Use Only: <input type="checkbox"/>
						Walk-in Client: <input type="checkbox"/>	Lab Sampling: <input type="checkbox"/>	
						Job / SDG No.: O, C1121		
Analysis Turnaround Time								
		CALENDAR DAYS		WORKING DAYS				
		TAT if different from Below						
		<input type="checkbox"/> 2 weeks						
		<input type="checkbox"/> 1 week						
		<input type="checkbox"/> 2 days						
		<input type="checkbox"/> 1 day						
Sample Identification								
Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)			
4-1-22	14:17	Grab	C	10	N	X	X	X
4-1-22	14:37	Grab	G	10	N	X	X	X
4-1-22	15:52	Grab	C	10	N	X	X	X
4-1-22	16:12	Grab	G	10	N	X	X	X
4-1-22	16:56	Grab	G	10	V	X	K	Y
4-1-22	17:20	Grab	G	10	V	X	X	X
<i>Trap Blank</i>								
Preservation Used: 1=Ice; 2=HCl; 3=H ₂ SO ₄ ; 4=HNO ₃ ; 5=NaOH; 6=Other								
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.								
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown								
Special Instructions/QC Requirements & Comments:								
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
2 2 2 6								
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. <input type="checkbox"/>		Obsd.:		Corrd.:
Relinquished by: <i>Andrew D. Gibson</i>		Company: Eagon & Associates, Inc.		Date/Time: 4/6/22		Received by: <i>John J. Fischer</i>		Therm ID No.: Company: Eurofins
Relinquished by: <i>John J. Fischer</i>		Company: Eurofins		Date/Time: 4/7/22 17:00		Received by: <i>John J. Fischer</i>		Date/Time: Company: TALS
Relinquished by: <i>John J. Fischer</i>		Company: Eurofins		Date/Time:		Received in Laboratory by:		Date/Time:

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Cincinnati 205

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

Environment Testi
America



Regulatory Program:

DW

NPDES

RCRA

Other:

TestAmerica Laboratories, Inc. db/a Eurofins TestAmerica

COC No. _____

of _____ COCs

TALS Project # _____

Carrier: E000-C1A2/

Date: 4/6/22

Site Contact: Andrew Thompson

Lab Contact: Brian Fischer

Carrier: E000-C1A2/

Date: 4/6/22

Site Specific Notes:

Sampler: D.C. & A

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.: D.C. & A

Sample Specific Notes:

PCBs (8082A)

TOC (9060A)

VOCs (8011)

VOCs (8260C)

Tilted Sample (Y/N)

1 day

Sample Date

Sample Time

Sample Type
(G=Comp,
G=Grab)

Matrix

of Cont.

Grab

Poss. Hazard Identification:

Non-Hazard

Flammable

Skin Irritant

Unknown

Poison B

Poison A

Comments:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard

Flammable

Skin Irritant

Unknown

Poison B

Poison A

Comments:

Custody Seals Intact: Yes No

Custody Seal No. _____

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

Received by: D.C. & A

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

Received by: D.C. & A

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

Received by: D.C. & A

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

Received by: D.C. & A

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

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Date/Time: 4/22/22

Received by: D.C. & A

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

Received by: D.C. & A

Company: Eagon & Associates, Inc.

Date/Time: 4/22/22

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client

Disposal by Lab

Archive for Months

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Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

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Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

eurofins
Environment Test
America

Columbus

209

SAmerica Laboratories, Inc. dba Eurofins TestAmeric

Regulatory Program: DW NPDES RCRA Other:

Client Contact		Project Manager: Mike Gibson		Site Contact: Andrew Thompson		Date: 4/7/22	Carrier: C-170-CCL5		COC No. / of / COCs		
Eagon & Associates, Inc.	Email: mgibson@eagoninc.com	Tel/Fax: (614) 888-5760/5763	Analysis Turnaround Time	Lab Contact: Brian Fischer							
100 W Old Wilson Bridge Rd, Suite 115			CALENDAR DAYS								
Worthington, Ohio 43085			WORKING DAYS								
(614) 888-5760	Phone		TAT, if different from Below								
(614) 888-5763	FAX		2 weeks								
Project Name: TSCA - Quarterly Sampling			1 week								
Site: CECOS-Aber Rd			2 days								
P O #			1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:				
Field B3CA nre TSCA	4/5/22	1712	Grab	G	10	N	X	X	X	X	
U-5	4/22	1335	Grab		10	N	X	X	X	X	
U-6		1417	Grab		10	N	X	X	X	X	
MATRIX SPKLE TSCA (u-c)		1417	Grab		10	N	X	X	X	X	
MATRIX SPKLE TSCA DVP (v-c)		1417	↓		10	v	✓	✓	✓	✓	
Preservation Used: 1= Ice, 2= HCl; 3= H ₂ SO ₄ ; 4=HNO ₃ ; 5=NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments: <i>John J. Ziegler</i>											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:	Therm ID No.:				
Relinquished by: <i>John J. Ziegler</i>		Company: Eagon & Associates, Inc.		Date/Time: 4/7/22 9:00	Received by: <i>John J. Ziegler</i>	Company: <i>John J. Ziegler</i>	Date/Time: 4/7/22 9:00				
Relinquished by: <i>John J. Ziegler</i>		Company: <i>John J. Ziegler</i>		Date/Time: 4/7/22 9:00	Received by: <i>John J. Ziegler</i>	Company: <i>John J. Ziegler</i>	Date/Time: 4/7/22 9:00				
Relinquished by: <i>John J. Ziegler</i>		Company: <i>John J. Ziegler</i>		Date/Time:	Received in Laboratory by:	Company:	Date/Time:				
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for Months											

Form No. CAC-C-WI-002, Rev. 4.35, dated 10/6/2020

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Columbus eurofins
209

Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Environment America
2009

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-196588-1

Login Number: 196588

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-196588-1

Login Number: 196590

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	EAGON	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-196588-1

Login Number: 196593

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question

Answer

Comment

Radioactivity either was not measured or, if measured, is at or below background

The cooler's custody seal, if present, is intact.

The cooler or samples do not appear to have been compromised or tampered with.

Samples were received on ice.

Cooler Temperature is acceptable.

Cooler Temperature is recorded.

COC is present.

COC is filled out in ink and legible.

COC is filled out with all pertinent information.

Is the Field Sampler's name present on COC?

There are no discrepancies between the sample IDs on the containers and the COC.

Samples are received within Holding Time (Excluding tests with immediate HTs)..

Sample containers have legible labels.

Containers are not broken or leaking.

Sample collection date/times are provided.

Appropriate sample containers are used.

Sample bottles are completely filled.

Sample Preservation Verified

There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs

VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.

If necessary, staff have been informed of any short hold time or quick TAT needs

Multiphasic samples are not present.

Samples do not require splitting or compositing.

Sampling Company provided.

Samples received within 48 hours of sampling.

Samples requiring field filtration have been filtered in the field.

Chlorine Residual checked.

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Job ID: 480-196588-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Date: _____

LID-1

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/15/22
 Start Time: 13:56
 End Time: 14:16
 Purge Rate: 10 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes No
 Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
 Depth to Bottom: - ft.
 Depth to Water: - ft.
 Height of Water Column: - ft.
 Casing Volume: - gal
 Level After Purge: - ft.

Weather Conditions: 54°/12:12 / 7 mph S

Sampling

Date: 4/15/22
 Time Sampled: 14:16
 Sample Appearance: Clear
No odor

Personnel Present: D.Cain
 Depth to Water: - ft.
 Recharge Rate: - gal.
 Filter #: -
 Diss O₂: -

Weather Conditions: 54°/12:12 / 7 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.2</u>	<u>6.23</u>	<u>2430</u>	

Container Number	Size ml	Type ml/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TQCs
-	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 4/15/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: LD-2
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Baller Other: _____

Evacuation:

Date: 4/15/22
Start Time: 13:50
End Time: 13:54:50
Purge Rate: 20-18.75 rpm 15.0
Volume Purged: 75 gal
Purged Dry: Yes/No
Casing: - inch/ - SS - PVC

Personnel Present: D.C.m
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 54° / rain / 7 mph S

Sampling

Date: 4/15/22
Time Sampled: 14:26
Sample Appearance: Clear
no odor

Personnel Present: D.C.m
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 54° / rain / 7 mph S

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>6.97</u>	<u>2220</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 4/15/22

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

LEAK DETECTOR FIELD LOG

Page# _____

Sample Location: LID-3
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/15/22
Start Time: 16:02
End Time: 16:27
Purge Rate: 8 ppm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch / - SS / - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 54°/rain/7mp/h S

Sampling

Date: 4/15/22
Time Sampled: 16:27
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 54°/rain/7mp/h S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>6.59</u>	<u>1812</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: D.Cain

Date: 4/15/22

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: LD-4
Sampling Program: TSCA
--
--
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Baller Other: _____

Evacuation:

Date: 4/15/22
Start Time: 15:32
End Time: 15:52
Purge Rate: 10 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/ SS - PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal
Level After Purge: -- ft.

Weather Conditions: 54°/rain/7mph S

Sampling

Date: 4/15/22
Time Sampled: 15:52
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 54°/rain/7mph S

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.7</u>	<u>6.58</u>	<u>1660</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>3011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: EZD -

Date: 4/15/22

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

SURFACE WATER FIELD LOG

Page#

Sample Location: C-6
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuations

Date: 7/7/22
Start Time:
End Time:
Purge Rate: rpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present:
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions:

Sampling

Date: 7/15/22
Time Sampled: 08:05
Sample Appearance: Clear no odor
slight yellow tint

Personnel Present: D.C.M
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 43°/Cloudy/ 4 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
7.1	7.85	630	403

Container Number	Size mi	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8Q11 VOCs
--	2x40	glass vial	HCl; Cool	TQC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 7/15/22

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SURFACE WATER FIELD LOG

Page: _____

L-12

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fiwing Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 7/15/22
 Start Time: 08:35
 End Time:
 Purge Rate: 100 ml/min
 Volume Purged: ml
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 7/15/22
 Time Sampled: 08:35
 Sample Appearance: Clear w/ silt
Slight tint
 Weather Conditions: 43°/Cloudy/With S

Personnel Present: D-Lin ft.
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
6.6	7.94	656	5.15

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: E.Lin

Date: 7/15/22

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SURFACE WATER FIELD LOG

CECOS International, Inc.
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(513) 724-6114

Page# —L-10

TSCA

Lab # —Lab # —

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evaluation:

Date: 4/15/22
 Start Time: 08:58
 End Time: —
 Purge Rate: 100 ml/min
 Volume Purged: — gal.
 Purged Dry: Yes/No
 Casing: — inch/ — SS — PVC

Personnel Present:

Depth to Bottom: — ft.
 Depth to Water: — ft.
 Height of Water Column: — ft.
 Casing Volume: — gal.
 Level After Purge: — ft.

Weather Conditions: _____

Sampling

Date: 4/15/22
 Time Sampled: 08:58
 Sample Appearance: Clear and cool
slight tint

Personnel Present: D-Cm
 Depth to Water: — ft.
 Recharge Rate: — gal.
 Filter #: —
 Diss O₂: —

Weather Conditions: 44°/Cloudy/ 3 mph S**Comments:**

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>7.1</u>	<u>7.98</u>	<u>609</u>	<u>3.17</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: Date: 4/15/22

CECOS International, Inc.
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Williamsburg, OH 45176
(313) 724-6114

SURFACE WATER FIELD LOG

Page# 6

Sample Location: L-2
Sampling Program: TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Flowing Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:
Date: 4/15/22
Start Time: 09:22
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch SS PVC
Personnel Present:
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: _____

Sampling

Date: 4/15/22
Time Sampled: 09:22
Sample Appearance: clear
No odor

Personnel Present: 1D.C.n
Depth to Water: ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 43°/rain/5 mph S

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>7.1</u>	<u>8.12</u>	<u>556</u>	<u>3.61</u>

Container Number	Size ml	Type pVgt	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 4/15/22

SURFACE WATER FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: C-9
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipes Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Excavations:

Date: / /
Start Time: :
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch / SS PVC

Personnel Present:
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions:

Sampling

Date: 4/15/22
Time Sampled: 07:50
Sample Appearance: clear
No odor

Personnel Present: 12 min
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 43° rainy sample

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
7.4	8.03	563	609

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/15/22

CBCOS International, Inc.
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Williamsburg, OH 45176
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UNDERDRAIN FIELD LOG

Page# _____

CA-16

TSCA

Lab# _____

Lab# _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/14/02
Start Time: 14:05
End Time: 14:17
Purge Rate: 1.4 l/min
Volume Purged: 200 ml
Purged Dry: Yes
Casing: _____ inch / _____ ps _____ PVC

Personnel Present: D.C.W
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 54°/Cloudy/ 9mph S

Sampling

Date: 4/14/02
Time Sampled: 14:17
Sample Appearance: Clear
No odor

Personnel Present: D.C.W
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 54°/Cloudy/ 9mph S

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
4.1	6.86	1887	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/14/02

CBCOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-16
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 9/4/22
Start Time: 14:25
End Time: 14:37
Purge Rate: 16.67 gpm
Volume Purged: 100 gal
Purged Dry: Yes
Casing: 10 in Junk SS PVC

Personnel Present: D.C.m
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 54°/cloudy/sunny

Sampling

Date: 9/4/22
Time Sampled: 14:37
Sample Appearance: Clear
No odor

Personnel Present: D.C.m
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 54°/cloudy/sunny

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.0	6.72	2520	

Container Number	Size ml.	Type pt/gl.	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 9/4/22

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page # _____

Sample Location: U-15
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baile Other: _____

Evacuation:

Date: 4/4/22
Start Time: 15:38
End Time: 15:52
Purge Rate: 14.21 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch/ - SS - PVC

Personnel Present: D.C.M
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 55° / Cloudy / 12 mph SW

Sampling

Date: 4/4/22
Time Sampled: 15:52
Sample Appearance: Clear
No odor

Personnel Present: D.C.M
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 55° / Cloudy / 12 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>6.79</u>	<u>2490</u>	

Container Number	Size ml	Type gl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl: Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 4/4/22

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# 4

Sample Location: U-17
Sampling Program: TSCA
Lab #: ..
Lab #: ..

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other:

Evacuation:

Date: 4/4/22
Start Time: 16:00
End Time: 16:12
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch - SS - PVC

Personnel Present: D.C.m
Depth to Bottom: .. ft.
Depth to Water: .. ft.
Height of Water Column: .. ft.
Casing Volume: .. gal
Level After Purge: .. ft.

Weather Conditions: 55° / cloudy / 13 mph SW

Sampling

Date: 4/4/22
Time Sampled: 16:17
Sample Appearance: Clear
air odor

Personnel Present: D.C.m
Depth to Water: .. ft.
Recharge Rate: .. gal
Filter #: ..
Diss O₂: .. m

Weather Conditions: 55° / cloudy / 13 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>7.12</u>	<u>587</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/4/22

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-22A
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/4/22
Start Time: 16:44
End Time: 16:56
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: 3in/ 35 - PVC

Personnel Present: D.Corn
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 54°/Cloudy/13 mph SW

Sampling

Date: 4/4/22
Time Sampled: 16:56
Sample Appearance: Clear
no odor

Personnel Present: D.Corn
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 54°/Cloudy/13 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>6.79</u>	<u>2180</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool.	PCBs

Signature: 

Date: 4/4/22

UNDERDRAIN FIELD LOG

CBCOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: U-21A
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/4/22
Start Time: 17:08
End Time: 17:20
Purge Rate: 16.6 l/min
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: D.C.n
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 53°/Cloudy/12 mph SW

Sampling

Date: 4/4/22
Time Sampled: 17:20
Sample Appearance: Clear
No odor

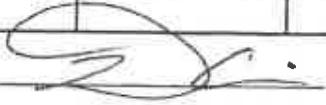
Personnel Present: D.C.n
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 53°/Cloudy/12 mph SW

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.4</u>	<u>7.21</u>	<u>1068</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	S260C VOCs
-	3x40	glass vial	HCl; Cool	S011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/4/22
22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page# _____

Sample Location: U-21
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Strndg/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evacuation:

Date: 4/15/22
Start Time: 11:01
End Time: 11:16
Purge Rate: 16.5 L/min
Volume Purged: 200 ml
Purged Dry: Yes/No
Casing: - inch/ - ss - PVC

Personnel Present: D.C.m
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 53° / cloudy / light rain

Sampling

Date: 4/15/22
Time Sampled: 11:16
Sample Appearance: clear
No odor

Personnel Present: D.C.m
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 53° / cloudy / light rain

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>7.24</u>	<u>1110</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/15/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
(513) 724-6114

Page# 1

Sample Location: DVP TSCA
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump K Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 4/5/22
Start Time: 11:04
End Time: 11:16
Purge Rate: 16.7 ml/min
Volume Purged: 2.064 ml
Purged Dry: Yes
Casing: inch ss PVC

Personnel Present:

D.Cin

Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 53°/Cloudy/11 mph SW

Sampling

Date: 4/5/22
Time Sampled: 11:16
Sample Appearance: Clear
No odor

Personnel Present:
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

D.Cin

Weather Conditions: 53°/Cloudy/11 mph SW

Comments: Collected (a) U-21

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.4</u>	<u>7.23</u>	<u>111</u>	

Container Number	Size ml	Type p/g	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8Q11 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 4/22/22

CECOS International, Inc.
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UNDERDRAIN FIELD LOG

Page# 12-22

Sample Location: 12-22
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Flowing Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Beater Other:

Evacuation:

Date: 4/15/22
Start Time: 11:30
End Time: 11:42
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: 10 inch/ 85 ft PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 53°/Cloudy/7 mph S

Sampling

Date: 4/15/22
Time Sampled: 11:12
Sample Appearance: Clear
no odor

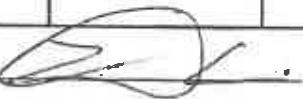
Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 53°/Cloudy/7 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.2	6.88	1981	

Container Number	Size ml	Type pl/pl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/15/22

UNDERDRAIN FIELD LOG

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Page# -

Sample Location: U-23

Sampling Program: TSCA

Lab #: -

Lab #: -

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:		Personnel Present:	D. Cain
Date:	4/15/22	Depth to Bottom:	- ft.
Start Time:	12:35	Depth to Water:	- ft.
End Time:	12:55	Height of Water Column:	- ft.
Purge Rate:	10 spm	Casing Volume:	- gal.
Volume Purged:	200 ml	Level After Purge:	- ft.
Purged Dry:	Yes		
Casing:	inch/ - ss - PVC		

Weather Conditions: 52°/min/6 mph S

Sampling		Personnel Present:	D. Cain
Date:	4/15/22	Depth to Water:	- ft.
Time Sampled:	12:55	Recharge Rate:	- gal.
Sample Appearance:	Clear	Filter #:	- Diss O ₂ : -
	No odor		
Weather Conditions:	52°/min/6 mph S		

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.7	7.02	1020	

Container Number	Size ml	Type vfl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/15/22

UNDERDRAIN FIELD LOG

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Page # _____

Sample Location: U-21
Sampling Program:
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipes Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Sndng/Pwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/5/22
Start Time: 13:05
End Time: 13:18
Purge Rate: 15.36 ppm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.C. in
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 52°/72°n/6 mph S

Sampling

Date: 4/5/22
Time Sampled: 13:18
Sample Appearance: Clear
no odor

Personnel Present: D.C. in
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: -- mg/l

Weather Conditions: 52°/72°n/6 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.2	6.55	2030	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Z. J.

Date: 4/5/22

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UNDERDRAIN FIELD LOG

Page # _____

Sample Location: U-26

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:
 Date: 4/15/22
 Start Time: 14:43
 End Time: 14:55
 Purge Rate: 16-67 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: inch/ 56 mm PVC

Personnel Present: D.C. m
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal
 Level After Purge: _____ ft.

Weather Conditions: Sunny / rain / 7 mph S

Sampling
 Date: 4/15/22
 Time Sampled: 14:55
 Sample Appearance: Clear
so water

Personnel Present: D.C. m
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal
 Filter #: _____ Diss O₂: _____

Weather Conditions: Sunny / rain / 7 mph S

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.4	6.55	1964	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/15/22

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UNDERDRAIN FIELD LOG

Page#

FIGO BLANK TSCA

Sample Location:

Sampling Program:

TSCA

Lab #

Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
	<input type="checkbox"/> <u>no</u>		<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Standg/Flying Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other: <u>lab supplied w/ water</u>	

Evacuation:

Date:
 Start Time:
 End Time:
 Purge Rate: ppm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present:
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions:

Sampling

Date: 4/5/22
 Time Sampled: 17:12
 Sample Appearance: Clear

Personnel Present: A. Graham
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂:

Weather Conditions: ~58°F / Rainy / no-Sun SW

Comments: Sampled by pouring lab-supplied deionized water directly into sample containers near lab building.

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>18.6</u>	<u>7.24</u>	<u>18.93</u>	<u>0.71</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature:

Date: 4/5/22

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Williamsburg, OH 45176
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Page#

Sample Location: U-S
Sampling Program:
TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evacuation:

Date: 4/16/12
Start Time: 13:00
End Time: 13:35
Purge Rate: 0.5 L/min S. 71
Volume Purged: 200 ml
Purged Dry: Yes
Casing: inch/ 80 - PVC

Personnel Present: D.Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 55°/rain/14 mph S

Sampling

Date: 4/16/12
Time Sampled: 13:35
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 55°/rain/14 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>41.1</u>	<u>6.88</u>	<u>1440</u>	

Container Number	Size ml	Type pH/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: D.Cain

Date: 4/16/12

UNDERDRAIN FIELD LOG

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Page# _____

Sample Location: U-6
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 4/16/122
Start Time: 13:42
End Time: 14:17
Purge Rate: 5.7 gpm
Volume Purged: 2.00 gal
Purged Dry: Yes
Casing: - inch / BS - PVC

Personnel Present: D.C.27
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 55° rain / 12 mph S

Sampling

Date: 4/16/122
Time Sampled: 14:17
Sample Appearance: clear
No odor

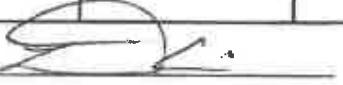
Personnel Present: D.C.27
Depth to Water: - ft.
Recharge Rate: - gal
Filter #: - Diss O₂: -

Weather Conditions: 55° rain / 12 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.9</u>	<u>6.92</u>	<u>1354</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/16/122

UNDERDRAIN FIELD LOG

CECOS International, Inc.
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Sample Location: _____
Sampling Program: _____
TSCA _____
Lab # _____
Lab # _____

Page #: _____
Matrix Spike TSCA
Matrix Spike TSCA PUP

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Flooding Water
 Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

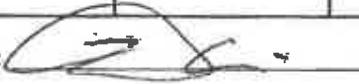
Evacuation:
 Date: 4/16/22 Personnel Present: D.C.-1
 Start Time: 13:42
 End Time: 14:17
 Purge Rate: 5.71 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: 1/2in SS PVC
 Weather Conditions: 55° rain/12 mph S

Sampling
 Date: 4/16/22 Personnel Present: D.C.-1
 Time Sampled: 14:17
 Sample Appearance: Clear
No odor
 Weather Conditions: Collected @ U-6 (D) 55° rain/12 mph S

Comments: Collected @ U-6

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.9</u>	<u>6.91</u>	<u>1356</u>	

Container Number	Size ml.	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/16/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: V-10

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/6/22
Start Time: 09:05
End Time: 09:30
Purge Rate: 8 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 48°/cloudy/ 7 mph S

Sampling

Date: 4/6/22
Time Sampled: 09:30
Sample Appearance: Clear
no odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal
Filter #: -
Diss O₂: - mg/l

Weather Conditions: 48°/cloudy/ 7 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.3	7.42	1020	

Container Number	Size ml	Type pM/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: Z.L.

Date: 4/6/22

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16

UNDERDRAIN FIELD LOG

CBCOS International, Inc.
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 Williamsburg, OH 45176
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Page# —

Sample Location: DUP TSCA 2

TSCA

Lab # --

Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composit Dipping Bottle Standing/Flooding Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/16/22
 Start Time: 09:05
 End Time: 09:30
 Purge Rate: 8 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes
 Casing: inch SS PVC

Personnel Present:

D.Cain

Depth to Bottom: — ft.
 Depth to Water: — ft.
 Height of Water Column: — ft.
 Casing Volume: — gal.
 Level After Purge: — ft.

Weather Conditions: 48°/Cloudy/7mphs

Sampling

Date: 4/16/22
 Time Sampled: 09:30
 Sample Appearance: Clear
No odor

Personnel Present:

D.Cain

Depth to Water: — ft.
 Recharge Rate: — gal.
 Filter #: —
 Diss O₂: — mg/l

Weather Conditions: 48°/Cloudy/7mphs

Comments:

Collected @ U-10

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.3	7.44	1021	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/16/22

UNDERDRAIN FIELD LOG

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Page# _____

Sample Location: 12-1
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/6/22
Start Time: 11:03
End Time: 11:43
Purge Rate: 5 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch SS PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 52° rain / 12 mph S

Sampling

Date: 4/6/22
Time Sampled: 11:43
Sample Appearance: Clear
ND

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 52° rain / 12 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>7.02</u>	<u>1286</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/6/22

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UNDERDRAIN FIELD LOG

Page#

Sample Location: DWP TSCA 3
Sampling Program: TSCA

Lab #

Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
X Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle String/Flying Water
Sample Equipment: X Grundfos Pump Submersible Pump Venturi Pump
Baller Other:

Evacuation:

Date: 4/16/22
Start Time: 11:03
End Time: 11:42
Purge Rate: 16.67 ml/min
Volume Purged: 200 ml
Purged Dry: Yes
Casing: — inch/ — ss PVC

Personnel Present: D.Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 52°/rainy/12 mph S

Sampling

Date: 4/16/22
Time Sampled: 11:43
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: — Diss O₂: —

Weather Conditions: 52°/rainy/12 mph S

Comments:

Collected @ U-21

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.0	7.0	1288	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: G.K.

Date: 4/16/22

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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: U-3

TSCA

Lab # -

Lab # -

Sample Sources: Monitoring Well Underdrain Leachate Standpipe Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Pwng Water
 Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/6/22
Start Time: 12:08
End Time: 12:32
Purge Rate: 8.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: - inch/ - SS - PVC

Personnel Present: D.Cahn
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 52°/min / 12 mph S

Sampling

Date: 4/6/22
Time Sampled: 12:32
Sample Appearance: Clear
No odor

Personnel Present: D.Cahn
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 52°/min / 12 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.4</u>	<u>7.00</u>	<u>1199</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 4/6/22

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UNDERDRAIN FIELD LOG

Page: _____

Sample Location: 12-13
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 4/6/22
Start Time: 15:14
End Time: 15:26
Purge Rate: 16.67 ml/min
Volume Purged: 200 ml
Purged Dry: Yes/No
Casing: inch SS PVC

Personnel Present:

D-Cain
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal
Level After Purge: _____ ft.

Weather Conditions: 55°/rain/11 mph S

Sampling

Date: 4/6/22
Time Sampled: 15:26
Sample Appearance: Clear
no odor

Personnel Present:

D.Cain
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: 55°/rain/11 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.5</u>	<u>7.09</u>	<u>996</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	.8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/6/22

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UNDERDRAIN FIELD LOG

Page # 1

Sample Location: U-25
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/15/22
Start Time: 16:50
End Time: 17:17
Purge Rate: 7L/min
Volume Purged: 200 ml
Purged Dry: Yes
Casing: — inch / SS — PVC

Personnel Present: D.Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 53°/rain/gmphs

Sampling

Date: 4/15/22
Time Sampled: 17:17
Sample Appearance: Clear
No odors

Personnel Present: D.Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 53°/rain/gmphs

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.0</u>	<u>6.70</u>	<u>1562</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: G.D.

Date: 4/15/22

UNDERDRAIN FIELD LOG

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Page# _____

Sample Location: U-11
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Pwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evacuation:

Date: 4/15/22
Start Time: 17:29
End Time: 17:41
Purge Rate: 16.7 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: _____ inch/SS PVC

Personnel Present: D.Cain
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 54°/rain/7 mph E

Sampling

Date: 4/15/22
Time Sampled: 17:41
Sample Appearance: clear
No odor

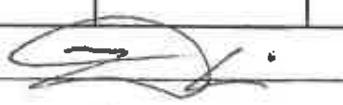
Personnel Present: D.Cain
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: 54°/rain/7 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.2	6.83	1150	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/15/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: V-12
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/15/22
Start Time: 17:45
End Time: 17:00
Purge Rate: 16.67 gpm
Volume Purged: 2000 gal
Purged Dry: Yes/No
Casing: Inch SS PVC

Personnel Present: D.Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 54°/rain/6mph E

Sampling

Date: 4/15/22
Time Sampled: 17:00
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 54°/rain/6mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>47.1</u>	<u>6.81</u>	<u>1097</u>	

Container Number	Size ml	Type pt/pl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: E.D.

Date: 4/15/22

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UNDERDRAIN FIELD LOG

Page# 4

Sample Location: U-19
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standg/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 4/6/22
Start Time: 07:57
End Time: 08:09
Purge Rate: 16.7 ml/min
Volume Purged: 200 ml
Purged Dry: Yes
Casing: - inch SS PVC

Personnel Present:

D.Cain

Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 46° / cloudy / 4 inches s

Sampling

Date: 4/6/22
Time Sampled: 08:09
Sample Appearance: Clear
No odor

Personnel Present:
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 46° / cloudy / 4 inches s

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>7.14</u>	<u>1419</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 4/6/22

UNDERDRAIN FIELD LOG

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TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standg/Flowg Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evacuation:

Date: 4/16/22
Start Time: 08:24
End Time: 08:36
Purge Rate: 16-67 spm
Volume Purged: 200 ml
Purged Dry: Y/N
Casing: 1 inch - SS - PVC

Personnel Present:

D-Cam

Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 48°/Cloudy/Cmph 5

Sampling

Date: 4/16/22
Time Sampled: 08:36
Sample Appearance: Clear
No odor

Personnel Present:

D-Cam

Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: 48°/Cloudy/Cmph 5

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.0	7.19	1732	

Container Number	Size ml	Type pH/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 4/16/22

UNDERDRAIN FIELD LOG

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Page # _____

Sample Location: U-14
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 4/6/22
Start Time: 09:42
End Time: 09:57
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 52°/Cloudy/7 mph S

Sampling

Date: 4/6/22
Time Sampled: 09:57
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 52°/Cloudy/7 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>7.19</u>	<u>901</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: E.Cain

Date: 4/6/22